

A presente -publicação tem por objetivo:

- A divulgação das Normas Portuguesas recentemente editadas e anuladas, bem como das Normas Europeias adotadas como Normas Portuguesas, e das Normas Europeias e Internacionais publicadas e já disponíveis.

- A divulgação pública dos projetos de Normas Portuguesas, Europeias e Internacionais, com vista à obtenção durante o período de inquérito público dos pontos de vista e contribuições nacionais que possam ser considerados na sequente elaboração, aprovação e homologação das Normas.

- A divulgação de propostas de novos trabalhos de normalização europeia e internacional, para que se possa obter, durante o período de inquérito público, os pontos de vista e as contribuições nacionais.

- A divulgação da edição e anulação de outros documentos normativos.

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## 1. Normas Portuguesas

### 1.1 Normas Portuguesas publicadas

Para cada referência, menciona-se a designação codificada (prefixos NP, NP EN, NP EN ISO, NP ISO, NP IEC, NP ISO/IEC, NP EN ISO/IEC, NP HD ou NP ENV, número, parte e data), o preço, o título e a correspondência a documentos europeus e/ou internacionais, quando existam, o número do Termo de Homologação e a respectiva data. As Normas Portuguesas referenciadas entram em vigor no dia seguinte ao da edição desta Lista Mensal.

A240 / CT 24

**NP 4511:2012 ( 1ª Edição )** Preço: 10,50 EUR

Entidades prestadoras de serviços externos em higiene e segurança alimentar Regras específicas de funcionamento

**Termo de Homologação n°** 2012/0276, 2012-09-26

C10 / CT 1

**NP ISO 14617-1:2012 ( 2ª Edição )** Preço: 57,50 EUR

Símbolos gráficos para esquemas Parte 1: Informação geral e índices ISO 14617-1:2005 IDT

**Termo de Homologação n°** 2012/0231, 2012-08-17

C30 / CT 3

**NP EN ISO 1513:2012 ( 2ª Edição )** Preço: 10,50 EUR

Tintas e vernizes Exame e preparação de amostras para ensaio (ISO 1513:2010)

EN ISO 1513:2010 IDT

**Termo de Homologação n°** 2012/0241, 2012-08-24

C120 / CT 12

**NP EN ISO 15630-1:2012 ( 1ª Edição )** Preço: 24,50 EUR

Aços para armaduras de betão armado e pré-esforçado Métodos de ensaio Parte 1: Varões, fio máquina e fio para betão armado (ISO 15630-1:2010)

EN ISO 15630-1:2010 IDT

**Termo de Homologação n°** 2012/0152, 2012-06-11

C120 / CT 12

**NP EN ISO 15630-3:2012 ( 1ª Edição )** Preço: 31,50 EUR

Aços para armaduras de betão armado e pré-esforçado Métodos de ensaio Parte 3: Aço para pré-esforço (ISO 15630-3:2010)

EN ISO 15630-3:2010 IDT

**Termo de Homologação n°** 2012/0238, 2012-08-22

C160 / CT 16

**NP EN ISO 10874:2012 ( 1ª Edição )** Preço: 7,00 EUR

Revestimentos de piso resilientes, têxteis e laminados Classificação (ISO 10874:2009)

EN ISO 10874:2012 IDT

**Termo de Homologação n°** 2012/0237, 2012-08-22

C180 / CT 18

**NP EN 545:2012 ( 3ª Edição )** Preço: 67,50 EUR

Tubos, acessórios e elementos acessórios de ferro fundido dúctil e respectivas juntas, para sistemas de abastecimento de água Requisitos e métodos de ensaio

EN 545:2010 IDT

**Termo de Homologação n°** 2012/0207, 2012-08-09

C180 / CT 18

**NP EN 1562:2012 ( 1ª Edição )** Preço: 21,00 EUR

Fundição Ferros fundidos maleáveis

EN 1562:2012 IDT

**Termo de Homologação n°** 2012/0235, 2012-08-20

C460 / CT 46

**NP EN 54-25:2011 /AC :2012 ( 1ª Edição )** Preço: 0,00 EUR

Sistemas de deteção e alarme de incêndio Parte 25: Componentes utilizando ligações radioelétricas

EN 54-25:2008 /AC :2012 IDT

C560 / CT 56

**NP EN 378-3:2008+A1:2012 ( 2ª Edição )** Preço: 24,50 EUR

Sistemas frigoríficos e bombas de calor Requisitos de segurança e proteção ambiental Parte 3: Instalação no local e proteção das pessoas

EN 378-3:2008+A1:2012 IDT

**Termo de Homologação n°** 2012/0273, 2012-09-25

C1040 / CT 104

**NP EN 480-8:2012 ( 2ª Edição )** Preço: 10,50 EUR

Adjuvantes para betão, argamassa e caldas de injeção Métodos de ensaio Parte 8: Determinação do teor de resíduo seco

EN 480-8:2012 IDT

**Termo de Homologação n°** 2012/0248, 2012-09-20

C1210 / CT 121

**NP EN 13747-:2005+A2:2012 ( 3ª Edição )** Preço: 63,00 EUR

Produtos pré-fabricados em betão Prelajes para pavimentos

EN 13747-:2005+A2:2010 IDT

**Termo de Homologação n°** 2012/0211, 2012-08-09

C1290 / CT 129

**NP EN 14188-2:2012 ( 1ª Edição )** Preço: 24,50 EUR

Produtos de selagem para juntas Parte 2: Requisitos para selantes aplicados a frio

EN 14188-2:2004 IDT

**Termo de Homologação n°** 2012/0118, 2012-05-08

C1290 / CT 129

**NP EN 14188-3:2012 ( 1ª Edição )** Preço: 21,00 EUR

Produtos de selagem para juntas Parte 3: Requisitos para perfis de selagem pré-moldados

EN 14188-3:2006 IDT

**Termo de Homologação n°** 2012/0119, 2012-05-08

## 1.2 Normas Portuguesas anuladas

Para cada referência, menciona-se a designação codificada (prefixos NP, NP EN, NP HD ou NP ENV, número, parte e data), o título, a correspondência a documentos europeus e/ou internacionais quando existam, o número do Termo de (Anulação, Homologação ou Adoção) e a respetiva data, bem como a referência do documento que a substitui. As anulações das Normas Portuguesas referenciadas tornam-se efetivas no dia seguinte ao da edição desta Lista Mensal.

C10 / CT 1

**NP EN ISO 6433:2002 ( 1ª Edição )**

Desenhos técnicos Referências dos artigos (ISO 6433:1981)

EN ISO 6433:1994 IDT

**Anulada em:** 2012-09-26

Substituída por: EN ISO 6433:2012

C30 / CT 3

**NP EN ISO 8503-1:1998 ( 1ª Edição )**

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Características de rugosidade de substratos de aço decapados Parte 1: Especificações e definições para comparadores ISO de perfil de superfície para avaliação de superfícies decapadas por projecção de abrasivos (ISO 8503-1:1988)

EN ISO 8503-1:1995 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 8503-1:2012

C30 / CT 3

**NP EN ISO 8503-2:1998 ( 1ª Edição )**

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Características de rugosidade de substratos de aço decapados Parte 2: Método de gradação do perfil de superfície de aço decapado por projecção de abrasivos. Processo do comparador (ISO 8503-2:1998)

EN ISO 8503-2:1995 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 8503-2:2012

C30 / CT 3

**NP EN ISO 8503-3:1998 ( 1ª Edição )**

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Características de rugosidade de substratos de aço decapados Parte 3: Método para calibração de comparadores ISO de perfil de superfície e para determinação do perfil de superfície. Processo do microscópio óptico (ISO 8503-3:1988)

EN ISO 8503-3:1995 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 8503-3:2012

C30 / CT 3

**NP EN ISO 8503-4:1998 ( 1ª Edição )**

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Características de rugosidade de substratos de aço decapado Parte 4: Método para calibração de comparadores ISO de perfil de superfície e para determinação do perfil de superfície. Processo do estilete (ISO 8503-4:1988)

EN ISO 8503-4:1995 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 8503-4:2012

C40 / CT 4

**NP 3568:1988 ( 1ª Edição )**

Têxteis Avaliação do aspecto liso dos tecidos após lavagem e secagem domésticas

**Anulada em:** 2012-09-26

Substituída por: NP ISO 7768:2012

C40 / CT 4

**NP EN 14362-1:2004 ( 1ª Edição )**

Têxteis Métodos para determinação de certas aminas aromáticas derivadas de corantes azóicos Parte 1: Detecção do uso de certos corantes azóicos acessíveis sem extração

EN 14362-1:2003 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 14362-1:2012

C40 / CT 4

**NP EN 14362-2:2004 ( 1ª Edição )**

Têxteis Métodos para determinação de certas aminas aromáticas derivadas de corantes azóicos Parte 2: Detecção do uso de certos corantes azóicos acessíveis por extração das fibras

EN 14362-2:2003 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 14362-1:2012

C140 / CT 14

**NP EN 325:2002 ( 1ª Edição )**

Placas de derivados de madeira Determinação das dimensões dos provetes

EN 325:1993 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 325:2012

C160 / CT 16

**NP EN 423:2002 ( 2ª Edição )**

Revestimentos de piso resilientes Determinação da resistência ao nodamento

EN 423:2001 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 26987:2012

C160 / CT 16

**NP EN 426:1994 ( 1ª Edição )**

Revestimentos de piso resilientes Determinação da largura, do comprimento, da rectilinearidade e da planeza dos materiais em peça

EN 426:1993 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 24341:2012

C160 / CT 16

**NP EN 428:1994 ( 1ª Edição )**

Revestimentos de piso resilientes Determinação da espessura total

EN 428:1993 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 24346:2012

C160 / CT 16

**NP EN 429:1994 ( 1ª Edição )**

Revestimentos de piso resilientes Determinação da espessura das camadas

EN 429:1993 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 24340:2012

C160 / CT 16

**NP EN 430:1995 ( 1ª Edição )**

Revestimentos de piso resilientes Determinação da massa por unidade de área

EN 430:1994 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 23997:2012

C160 / CT 16

**NP EN 434:1995 ( 1ª Edição )**

Revestimentos de piso resilientes Determinação da estabilidade dimensional e do encurvamento após exposição ao calor

EN 434:1994 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 23999:2012

C160 / CT 16

**NP EN 435:1995 ( 1ª Edição )**

Revestimentos de piso resilientes Determinação da flexibilidade

EN 435:1994 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 24344:2012

C160 / CT 16

**NP EN 436:1995 ( 1ª Edição )**

Revestimentos de piso resilientes Determinação da massa volumica

EN 436:1994 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 23996:2012

C380 / CT 38

**NP EN 589:2009 ( 4ª Edição )**

Combustíveis para automóveis GPL Especificações e métodos de ensaio

EN 589:2008 IDT

**Anulada em:** 2012-09-21

Substituída por: EN 589-:2008+A1:2012

C400 / CT 40

**NP EN 940:2011 ( 1ª Edição )**

Segurança de máquinas para trabalhar madeira Máquinas combinadas

para trabalhar madeira

EN 940:2009 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 940-:2009+A1:2012

C420 / CT 42

**NP EN 482:2008 ( 2ª Edição )**

Atmosferas dos locais de trabalho Requisitos gerais do desempenho dos procedimentos de medição de agentes químicos

EN 482:2006 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 482:2012

C460 / CT 46

**NP EN 671-1:2003 ( 2ª Edição )**

Instalações fixas de combate a incêndio Sistemas armados com mangueiras Parte 1: Bocas de incêndio armadas com mangueiras semi-rígidas

EN 671-1:2001 IDT

**Anulada em:** 2012-09-21

Substituída por: EN 671-1:2012

C460 / CT 46

**NP EN 671-2:2003 ( 2ª Edição )**

Instalações fixas de combate a incêndio Sistemas armados com mangueiras Parte 2: Bocas de incêndio armadas com mangueiras flexíveis

EN 671-2:2001 IDT

**Anulada em:** 2012-09-21

Substituída por: EN 671-2:2012

C460 / CT 46

**NP EN 671-2:2003 / A 1:2004 ( 2ª Edição )**

Instalações fixas de combate a incêndio Sistemas armados com mangueiras Parte 2: Bocas de incêndio armadas com mangueiras flexíveis

EN 671-2:2001 / A 1:2004 IDT

**Anulada em:** 2012-09-21

Substituída por: EN 671-2:2012

C490 / CT 49

**NP EN ISO 2419:2010 ( 2ª Edição )**

Couro Ensaio físico-mecânicos Preparação e condicionamento de amostras

(ISO 2419:2006)

EN ISO 2419:2006 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 2419:2012

C1000 / CT 100

**NP EN 1440:2010 ( 2ª Edição )**

Equipamentos e acessórios para GPL Inspeção periódica das garrafas de GPL transportáveis e recarregáveis

EN 1440:2008 IDT

**Anulada em:** 2012-09-21

Substituída por: EN 1440-:2008+A1:2012

C1040 / CT 104

**NP EN 480-8:1998 ( 1ª Edição )**

Adjuvantes para betão, argamassa e caldas de injeção Métodos de ensaio Parte 8: Determinação do teor de resíduo seco

EN 480-8:1996 IDT

**Anulada em:** 2012-09-28

Substituída por: NP EN 480-8:2012

C1180 / CT 118

**NP EN 1467:2006 ( 1ª Edição )**

Pedra natural Blocos em bruto Requisitos

EN 1467:2003 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 1467:2012

C1180 / CT 118

**NP EN 1468:2006 ( 1ª Edição )**

Pedra natural Placas em bruto Requisitos

EN 1468:2003 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 1468:2012

C1180 / CT 118

**NP EN 14617-4:2010 ( 1ª Edição )**

Pedra aglomerada Métodos de ensaio Parte 4: Determinação da resistência ao desgaste

EN 14617-4:2005 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 14617-4:2012

C1180 / CT 118

**NP EN 14617-5:2010 ( 1ª Edição )**

Pedra aglomerada Métodos de ensaio Parte 5: Determinação da resistência ao gelo e degelo

EN 14617-5:2005 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 14617-5:2012

C1180 / CT 118

**NP EN 14617-6:2010 ( 1ª Edição )**

Pedra aglomerada Métodos de ensaio Parte 6: Determinação da resistência ao choque térmico

EN 14617-6:2005 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 14617-6:2012

C1180 / CT 118

**NP EN 14617-10:2010 ( 1ª Edição )**

Pedra aglomerada Métodos de ensaio Parte 10: Determinação da resistência a agentes químicos

EN 14617-10:2005 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 14617-10:2012

C1180 / CT 118

**NP EN 14617-12:2010 ( 1ª Edição )**

Pedra aglomerada Métodos de ensaio Parte 12: Determinação da estabilidade dimensional

EN 14617-12:2005 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 14617-12:2012

C1210 / CT 121

**NP EN 15050:2008 ( 1ª Edição )**

Produtos prefabricados de betão Elementos de pontes

EN 15050:2007 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 15050:2007+A1:2012

C1290 / CT 129

**NP EN 12697-6:2003+A1:2010 ( 1ª Edição )**

Misturas betuminosas Métodos de ensaio para misturas betuminosas a quente Parte 6: Determinação da baridade de provetes betuminosos

EN 12697-6:2003+A1:2007 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 12697-6:2012

C1290 / CT 129

**NP EN 12697-30:2004+A1:2009 ( 1ª Edição )**

Misturas betuminosas Métodos de ensaio para misturas betuminosas a quente Parte 30: Preparação de provetes por compactador de impacto

EN 12697-30:2004+A1:2007 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 12697-30:2012

C1380 / CT 138

**NP ENV 583-6:2003 ( 1ª Edição )**

Ensaio não destrutivo Ensaio por ultrasons Parte 6: Técnica do tempo de percurso difractado utilizado como método para detecção e dimensionamento de descontinuidades

ENV 583-6:2000 IDT

**Anulada em:** 2012-09-21

Substituída por: EN 583-6:2008

C1430 / CT 143

**NP EN 13481-3:2009 ( 1ª Edição )**

Aplicações ferroviárias Via - Requisitos de desempenho para sistemas de fixação Parte 3: Sistemas de fixação para travessas de madeira

EN 13481-3:2002 IDT;EN 13481-3:2002 /A 1:2006 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 13481-3:2012

C1430 / CT 143

**NP EN 13481-4:2010 ( 1ª Edição )**

Aplicações ferroviárias Via - Requisitos de desempenho para sistemas de fixação Parte 4: Sistemas de fixação para travessas de aço

EN 13481-4:2002 IDT;EN 13481-4:2002 /AC :2004 IDT;EN 13481-

**Anulada em:** 2012-09-26

Substituída por: EN 13481-4:2012

C1510 / CT 151

**NP EN ISO 13792:2007 ( 1ª Edição )**

Comportamento térmico de edifícios Cálculo das temperaturas interiores de uma divisão sem arrefecimento mecânico no Verão Métodos simplificados

(ISO 13752:2005)

EN ISO 13792:2005 IDT

**Anulada em:** 2012-09-21

Substituída por: EN ISO 13792:2012

C1540 / CT 154

**NP EN 932-5:2003 ( 1ª Edição )**

Ensaio das propriedades gerais dos agregados Parte 5:

Equipamento comum e calibração

EN 932-5:1999 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 932-5:2012

C1550 / CT 155

**NP EN 1423:2008 ( 2ª Edição )**

Materiais para marcação rodoviária Materiais de projecção Microesferas de vidro, agregados antiderrapantes e mistura destes dois componentes

EN 1423:1997 IDT;EN 1423:1997 /A 1:2003 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 1423:2012

C1761 / CT 176

**NP EN 1745:2005 ( 1ª Edição )**

Alvenarias e elementos de alvenaria Métodos para determinação de valores térmicos de cálculo

EN 1745:2002 IDT

**Anulada em:** 2012-09-26

Substituída por: EN 1745:2012

E3400 / CTE 34

**NP EN 60923:1998 ( 1ª Edição )**

Aparelhagem auxiliar para lâmpadas Balastos para lâmpadas de descarga (com excepção das lâmpadas tubulares fluorescentes)

Prescrições de desempenho

(IEC 923:1995)

EN 60923:1996 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 60923:2005

E6100 / CTE 61

**NP EN 61558-2-17:2009 ( 1ª Edição )**

Segurança dos transformadores, blocos de alimentação e análogos Parte 2-17: Regras particulares para os transformadores para fontes de alimentação em modo de interrupção

(IEC 61558-2-17:1997)

EN 61558-2-17:1997 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 61558-2-16:2009

M023 / CT 999023

**NP EN 12449:2002 ( 1ª Edição )**

Cobre e ligas de cobre Tubos redondos sem soldadura para usos gerais

EN 12449:1999 IDT

**Anulada em:** 2012-09-21

Substituída por: EN 12449:2012

M091 / CT 999091

**NP EN 1024:1998 ( 1ª Edição )**

Telhas cerâmicas para colocação descontínua Determinação das características geométricas

EN 1024:1997 IDT

**Anulada em:** 2012-09-24

Substituída por: EN 1024:2012

M091 / CT 999091

**NP EN ISO 10545-4:2001 ( 1ª Edição )**

Pavimentos e revestimentos cerâmicos Parte 4: Determinação do módulo de ruptura e da resistência à flexão

(ISO 10545-4:1995)

EN ISO 10545-4:1997 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 10545-4:2012

M091 / CT 999091

**NP EN ISO 10545-6:2004 ( 1ª Edição )**

Pavimentos e revestimentos cerâmicos Parte 6: Determinação da resistência à abrasão profunda para ladrilhos não vidrados (ISO 10545-6:1995)

EN ISO 10545-6:1997 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 10545-6:2012

M097 / CT 999097

**NP EN 670:2000 ( 1ª Edição )**

Revestimentos de piso resilientes Identificação do linóleo e determinação do teor de cimento e de resíduo de cinza

EN 670:1997 IDT

**Anulada em:** 2012-09-24

Substituída por: EN ISO 26985:2012

## 1.3 Normas Portuguesas em re-exame

Com o objetivo de se assegurar a atualidade das normas integrantes do acervo normativo nacional, as Normas Portuguesas devem ser objeto de um re-exame periódico.

Mensalmente, o IPQ colocará em **inquérito público, por um período de 30 dias úteis**, através da Lista Mensal Normas e do site, uma lista de normas portuguesas pertencentes a um determinado escalão etário.

Para cada referência, menciona-se a designação codificada (prefixo NP, número, parte e data), o título e a respetiva data, bem como o seu autor.

Pretende-se com este inquérito público, que os interessados que pretendam dar os seus contributos o possam fazer, para cada uma das normas portuguesas constantes na presente listagem, respondendo aos seguintes pontos, tendo em conta a vossa experiência:

1 - Avaliação em termos de atualidade, a responder em alternativa:

- A norma portuguesa está atual ?
- A norma portuguesa deve ser revista ?
- A norma portuguesa está obsoleta ?

2 - Eventual legislação relacionada:

- A norma portuguesa está referida em legislação ? Se sim, qual ?

3 - Comentário

**NOTA: Os interessados são convidados a pronunciarem-se somente sobre as normas que entendam conveniente, devendo enviar a informação ao Serviço de Normalização ([NOR@mail.ipq.pt](mailto:NOR@mail.ipq.pt))**

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## LISTA VAZIA



## 1.4 Normas Europeias adotadas

Para cada Norma, indica-se a designação codificada (prefixo, número, ano), o título, o número do Termo de Adoção e a respetiva data.

Os textos das Normas Europeias Adotadas como Normas Portuguesas estão disponíveis para consulta ou aquisição neste Instituto nas línguas oficiais do CEN/CENELEC (inglês, francês e alemão) e do ETSI (inglês). As adoções das Normas Europeias referenciadas entram em vigor no dia seguinte ao da edição desta Lista Mensal.

### EN 30-1-4:2012 ( 2ª Edição )

Domestic cooking appliances burning gas Safety Part 1-4: Appliances having one or more burners with an automatic burner control system

**Termo de Adoção nº**2012/0925, 2012-09-26

### EN 131-2:2010+A1:2012 ( 2ª Edição )

Ladders Part 2: Requirements, testing, marking

**Termo de Adoção nº**2012/0926, 2012-09-26

### EN 298:2012 ( 3ª Edição )

Automatic burner control systems for burners and appliances burning gaseous or liquid fuels

**Termo de Adoção nº**2012/0927, 2012-09-26

### EN 303-5:2012 ( 2ª Edição )

Heating boilers Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW - Terminology, requirements, testing and marking

**Termo de Adoção nº**2012/1025, 2012-09-26

### EN 378-1:2008+A2:2012 ( 1ª Edição )

Refrigerating systems and heat pumps Safety and environmental requirements Part 1: Basic requirements, definitions, classification and selection criteria

**Termo de Adoção nº**2012/0928, 2012-09-26

### EN 378-2:2008+A2:2012 ( 1ª Edição )

Refrigerating systems and heat pumps Safety and environmental requirements Part 2: Design, construction, testing, marking and documentation

**Termo de Adoção nº**2012/0929, 2012-09-26

### EN 378-3:2008+A1:2012 ( 1ª Edição )

Refrigerating systems and heat pumps Safety and environmental requirements Part 3: Installation site and personal protection

**Termo de Adoção nº**2012/0930, 2012-09-26

### EN 378-4:2008+A1:2012 ( 1ª Edição )

Refrigerating systems and heat pumps Safety and environmental requirements Part 4: Operation, maintenance, repair and recovery

**Termo de Adoção nº**2012/0931, 2012-09-26

### EN 480-8:2012 ( 2ª Edição )

Admixtures for concrete, mortar and grout Test methods Part 8: Determination of the conventional dry material content

**Termo de Adoção nº**2012/0932, 2012-09-26

### EN 859-:2007+A2:2012 ( 1ª Edição )

Safety of woodworking machines Hand fed surface planing machines

**Termo de Adoção nº**2012/1026, 2012-09-26

### EN 860-:2007+A2:2012 ( 1ª Edição )

Safety of woodworking machines One side thickness planing machines

**Termo de Adoção nº**2012/1027, 2012-09-26

### EN 861-:2007+A2:2012 ( 1ª Edição )

Safety of woodworking machines Surface planing and thicknessing

machines

**Termo de Adoção nº**2012/1028, 2012-09-26

### EN 934-2:2009+A1:2012 ( 1ª Edição )

Admixtures for concrete, mortar and grout Part 2: Concrete admixtures - Definitions, requirements, conformity, marking and labelling

**Termo de Adoção nº**2012/1029, 2012-09-26

### EN 1425:2012 ( 2ª Edição )

Bitumen and bituminous binders Characterization of perceptible properties

**Termo de Adoção nº**2012/0933, 2012-09-26

### EN 1554:2012 ( 2ª Edição )

Conveyor belts Drum friction testing

**Termo de Adoção nº**2012/1030, 2012-09-26

### EN 1865-3:2012 ( 1ª Edição )

Patient handling equipment used in road ambulances Part 3: Heavy duty stretcher

**Termo de Adoção nº**2012/1031, 2012-09-26

### EN 1865-5:2012 ( 1ª Edição )

Patient handling equipment used in road ambulances Part 5: Stretcher support

**Termo de Adoção nº**2012/1032, 2012-09-26

### EN 1906:2012 ( 3ª Edição )

Building hardware Lever handles and knob furniture Requirements and test methods

**Termo de Adoção nº**2012/0934, 2012-09-26

### EN 2242:2012 ( 1ª Edição )

Aerospace series Crimping of electric cables with conductors defined by EN 2083, EN 4434 and EN 2346

**Termo de Adoção nº**2012/0935, 2012-09-26

### EN 2997-003:2012 ( 3ª Edição )

Aerospace series Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak Part 003: Square flange receptacle - Product standard

**Termo de Adoção nº**2012/0936, 2012-09-26

### EN 2997-005:2012 ( 3ª Edição )

Aerospace series Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak Part 005: Hermetic square flange receptacle - Product standard

**Termo de Adoção nº**2012/0937, 2012-09-26

### EN 3745-301:2012 ( 2ª Edição )

Aerospace series Fibres and cables, optical, aircraft use - Test methods Part 301: Attenuation

**Termo de Adoção nº**2012/0938, 2012-09-26

### EN 4531-001:2012 ( 2ª Edição )

Aerospace series Connectors, optical, circular, single and multipin,

coupled by triple start threaded ring - Flush contacts Part 001:  
Technical specification

**Termo de Adopção** nº2012/0939, 2012-09-26

**EN 4531-002:2012 ( 2ª Edição )**

Aerospace series Connectors, optical, circular, single and multipin,  
coupled by triple start threaded ring - Flush contacts Part 002:  
Specification of performance and contact arrangements

**Termo de Adopção** nº2012/0940, 2012-09-26

**EN 4531-003:2012 ( 2ª Edição )**

Aerospace series Connectors, optical, circular, single and multipin,  
coupled by triple start threaded ring - Flush contacts Part 003:  
Square flange receptacle - Product standard

**Termo de Adopção** nº2012/0941, 2012-09-26

**EN 4531-004:2012 ( 2ª Edição )**

Aerospace series Connectors, optical, circular, single and multipin,  
coupled by triple start threaded ring - Flush contacts Part 004: Jam  
nut receptacle - Product standard

**Termo de Adopção** nº2012/0942, 2012-09-26

**EN 4531-005:2012 ( 2ª Edição )**

Aerospace series Connectors, optical, circular, single and multipin,  
coupled by triple start threaded ring - Flush contacts Part 005: Plug  
- Product standard

**Termo de Adopção** nº2012/0943, 2012-09-26

**EN 4531-101:2012 ( 2ª Edição )**

Aerospace series Connectors, optical, circular, single and multipin,  
coupled by triple start threaded ring - Flush contacts Part 101:  
Optical contact for EN 4641-100 cable - 55 °C to 125 °C - Product  
standard

**Termo de Adopção** nº2012/0944, 2012-09-26

**EN 4531-901:2012 ( 1ª Edição )**

Aerospace series Connectors, optical, circular, single and multipin,  
coupled by triple start threaded ring - Flush contacts Part 901:  
Filler plugs - Product standard

**Termo de Adopção** nº2012/0945, 2012-09-26

**EN 4644-001:2012 ( 1ª Edição )**

Aerospace series Connector, electrical and optical, rectangular,  
modular, rectangular inserts, operating temperature 175 °C (or 125  
°C) continuous Part 001: Technical specification

**Termo de Adopção** nº2012/0946, 2012-09-26

**EN 4644-002:2012 ( 1ª Edição )**

Aerospace series Connector, electrical and optical, rectangular,  
modular, rectangular inserts, operating temperature 175 °C (or 125  
°C) continuous Part 002: Specification of performance and contact  
arrangements

**Termo de Adopção** nº2012/0947, 2012-09-26

**EN 4644-142:2012 ( 1ª Edição )**

Aerospace series Connector, electrical and optical, rectangular,  
modular, rectangular inserts, operating temperature 175 °C (or 125  
°C) continuous Part 142: Size 4 receptacle for rack and panel  
application - Product standard

**Termo de Adopção** nº2012/0948, 2012-09-26

**EN 4677-001:2012 ( 1ª Edição )**

Aerospace series - Welded and brazed assemblies for aerospace  
construction - Joints of metallic materials by electron beam welding  
Part 001: Quality of welded assemblies

**Termo de Adopção** nº2012/0949, 2012-09-26

**EN 4697:2012 ( 1ª Edição )**

Aerospace series General and installation requirements for passenger  
seat fittings

**Termo de Adopção** nº2012/0950, 2012-09-26

**EN 4817:2012 ( 1ª Edição )**

Aerospace series Passive UHF RFID tags intended for aircraft use

**Termo de Adopção** nº2012/0951, 2012-09-26

**EN 4818:2012 ( 1ª Edição )**

Aerospace series Passive HF RFID tags intended for aircraft use

**Termo de Adopção** nº2012/0952, 2012-09-26

**EN 4819:2012 ( 1ª Edição )**

Aerospace series Contact Memory Button (CMB) tags intended for  
aircraft use

**Termo de Adopção** nº2012/0953, 2012-09-26

**EN 12004-:2007+A1:2012 ( 1ª Edição )**

Adhesives for tiles Requirements, evaluation of conformity,  
classification and designation

**Termo de Adopção** nº2012/1033, 2012-09-26

**EN 12182:2012 ( 2ª Edição )**

Assistive products for persons with disability General requirements  
and test methods

**Termo de Adopção** nº2012/0954, 2012-09-26

**EN 12258-1:2012 ( 2ª Edição )**

Aluminium and aluminium alloys Terms and definitions Part 1:  
General terms

**Termo de Adopção** nº2012/1034, 2012-09-26

**EN 12451:2012 ( 2ª Edição )**

Copper and copper alloys Seamless, round tubes for heat exchangers

**Termo de Adopção** nº2012/0955, 2012-09-26

**EN 12452:2012 ( 2ª Edição )**

Copper and copper alloys Rolled, finned, seamless tubes for heat  
exchangers

**Termo de Adopção** nº2012/0956, 2012-09-26

**EN 12697-1:2012 ( 3ª Edição )**

Bituminous mixtures Test methods for hot mix asphalt Part 1:  
Soluble binder content

**Termo de Adopção** nº2012/1035, 2012-09-26

**EN 12697-24:2012 ( 2ª Edição )**

Bituminous mixtures Test methods for hot mix asphalt Part 24:  
Resistance to fatigue

**Termo de Adopção** nº2012/0957, 2012-09-26

**EN 12697-34:2012 ( 2ª Edição )**

Bituminous mixtures Test methods for hot mix asphalt Part 34:  
Marshall test

**Termo de Adopção** nº2012/0958, 2012-09-26

**EN 12697-39:2012 ( 2ª Edição )**

Bituminous mixtures Test methods for hot mix asphalt Part 39:  
Binder content by ignition

**Termo de Adopção** nº2012/1036, 2012-09-26

**EN 12697-40:2012 ( 2ª Edição )**

Bituminous mixtures Test methods for hot mix asphalt Part 40: In  
situ drainability

**Termo de Adopção** nº2012/1037, 2012-09-26

**EN 12697-46:2012 ( 1ª Edição )**

Bituminous mixtures Test methods for hot mix asphalt Part 46: Low  
temperature cracking and properties by uniaxial tension tests

**Termo de Adopção** nº2012/0959, 2012-09-26

**EN 12999-:2011+A1:2012 ( 1ª Edição )**

Cranes Loader cranes

**Termo de Adopção** nº2012/1038, 2012-09-26

**EN 13012:2012 ( 2ª Edição )**

Petrol filling stations Construction and performance of automatic nozzles for use on fuel dispensers

**Termo de Adopção nº**2012/1039, 2012-09-26

**EN 13075-1:2012 ( 3ª Edição )**

Bitumen and bituminous binders Determination of breaking behaviour

Part 1: Determination of breaking value of cationic bituminous emulsions, mineral filler method

**Termo de Adopção nº**2012/0960, 2012-09-26

**EN 13110:2012 ( 2ª Edição )**

LPG equipment and accessories Transportable refillable welded aluminium cylinders for liquefied petroleum gas (LPG) Design and construction

**Termo de Adopção nº**2012/0961, 2012-09-26

**EN 13126-13:2012 ( 1ª Edição )**

Building hardware Hardware for windows and balcony doors - Requirements and test methods Part 13: Sash balances

**Termo de Adopção nº**2012/0962, 2012-09-26

**EN 13126-14:2012 ( 1ª Edição )**

Building hardware Hardware for windows and balcony doors - Requirements and test methods Part 14: Sash fasteners

**Termo de Adopção nº**2012/0963, 2012-09-26

**EN 13204-:2004+A1:2012 ( 1ª Edição )**

Double acting hydraulic rescue tools for fire and rescue service use Safety and performance requirements

**Termo de Adopção nº**2012/1040, 2012-09-26

**EN 13381-6:2012 ( 1ª Edição )**

Test methods for determining the contribution to the fire resistance of structural members Part 6: Applied protection to concrete filled hollow steel columns

**Termo de Adopção nº**2012/1041, 2012-09-26

**EN 13445-2:2009 /A 1:2012 ( 1ª Edição )**

Unfired pressure vessels Part 2: Materials

**Termo de Adopção nº**2012/1042, 2012-09-26

**EN 13445-2:2009 /A 2:2012 ( 1ª Edição )**

Unfired pressure vessels Part 2: Materials

**Termo de Adopção nº**2012/1043, 2012-09-26

**EN 13445-3:2009 /A 1:2012 ( 1ª Edição )**

Unfired pressure vessels Part 3: Design

**Termo de Adopção nº**2012/1044, 2012-09-26

**EN 13480-3:2002 /A 5:2012 ( 1ª Edição )**

Metallic industrial piping Part 3: Design and calculation

**Termo de Adopção nº**2012/0964, 2012-09-26

**EN 13481-1:2012 ( 2ª Edição )**

Railway applications Track - Performance requirements for fastening systems Part 1: Definitions

**Termo de Adopção nº**2012/0965, 2012-09-26

**EN 13481-2:2012 ( 2ª Edição )**

Railway applications Track - Performance requirements for fastening systems Part 2: Fastening systems for concrete sleepers

**Termo de Adopção nº**2012/0966, 2012-09-26

**EN 13481-4:2012 ( 2ª Edição )**

Railway applications Track - Performance requirements for fastening systems Part 4: Fastening systems for steel sleepers

**Termo de Adopção nº**2012/0967, 2012-09-26

**EN 13481-5:2012 ( 2ª Edição )**

Railway applications Track - Performance requirements for fastening systems Part 5: Fastening systems for slab track with rail on the surface or rail embedded in a channel

**Termo de Adopção nº**2012/0968, 2012-09-26

**EN 13481-7:2012 ( 2ª Edição )**

Railway applications Track - Performance requirements for fastening systems Part 7: Special fastening systems for switches and crossings and check rails

**Termo de Adopção nº**2012/0969, 2012-09-26

**EN 13537:2012 ( 2ª Edição )**

Requirements for sleeping bags

**Termo de Adopção nº**2012/0970, 2012-09-26

**EN 13617-1:2012 ( 2ª Edição )**

Petrol filling stations Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units

**Termo de Adopção nº**2012/0971, 2012-09-26

**EN 13727:2012 ( 2ª Edição )**

Chemical disinfectants and antiseptics Quantitative suspension test for the evaluation of bactericidal activity in the medical area Test method and requirements (phase 2, step 1)

**Termo de Adopção nº**2012/0972, 2012-09-26

**EN 14175-7:2012 ( 1ª Edição )**

Fume cupboards Part 7: Fume cupboards for high heat and acidic load

**Termo de Adopção nº**2012/0973, 2012-09-26

**EN 14362-3:2012 ( 1ª Edição )**

Textiles Methods for determination of certain aromatic amines derived from azo colorants Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene

**Termo de Adopção nº**2012/1045, 2012-09-26

**EN 14592-:2008+A1:2012 ( 1ª Edição )**

Timber structures Dowel-type fasteners Requirements

**Termo de Adopção nº**2012/0974, 2012-09-26

**EN 14597:2012 ( 2ª Edição )**

Temperature control devices and temperature limiters for heat generating systems

**Termo de Adopção nº**2012/1046, 2012-09-26

**EN 14769:2012 ( 2ª Edição )**

Bitumen and bituminous binders Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV)

**Termo de Adopção nº**2012/0975, 2012-09-26

**EN 14770:2012 ( 2ª Edição )**

Bitumen and bituminous binders Determination of complex shear modulus and phase angle Dynamic Shear Rheometer (DSR)

**Termo de Adopção nº**2012/0976, 2012-09-26

**EN 14771:2012 ( 2ª Edição )**

Bitumen and bituminous binders Determination of the flexural creep stiffness Bending Beam Rheometer (BBR)

**Termo de Adopção nº**2012/0977, 2012-09-26

**EN 14906:2012 ( 2ª Edição )**

Leather Leather for automotive Test methods and testing parameters

**Termo de Adopção nº**2012/0978, 2012-09-26

**EN 14909:2012 ( 2ª Edição )**

Flexible sheets for waterproofing Plastic and rubber damp proof courses Definitions and characteristics

**Termo de Adopção nº**2012/0979, 2012-09-26

**EN 14992-:2007+A1:2012 ( 1ª Edição )**

Precast concrete products Wall elements

**Termo de Adopção n°2012/1047, 2012-09-26**

**EN 15202:2012 ( 2ª Edição )**

LPG equipment and accessories Essential operational dimensions for LPG cylinder valve outlet and associated equipment connections

**Termo de Adopção n°2012/0980, 2012-09-26**

**EN 15254-7:2012 ( 1ª Edição )**

Extended application of results from fire resistance tests Nonloadbearing ceilings Part 7: Metal sandwich panel construction

**Termo de Adopção n°2012/1048, 2012-09-26**

**EN 15618-:2009+A1:2012 ( 1ª Edição )**

Rubber- or plastic-coated fabrics Upholstery fabrics Classification and methods of test

**Termo de Adopção n°2012/0981, 2012-09-26**

**EN 15772:2012 ( 1ª Edição )**

Textile floor coverings Minimum requirements for needled floor coverings for single usage in events of limited duration

**Termo de Adopção n°2012/1049, 2012-09-26**

**EN 15830:2012 ( 1ª Edição )**

Rough-terrain variable reach trucks Visibility Test methods and verification

**Termo de Adopção n°2012/0982, 2012-09-26**

**EN 15861:2012 ( 1ª Edição )**

Food processing machinery Smokehouses Safety and hygiene requirements

**Termo de Adopção n°2012/1050, 2012-09-26**

**EN 15877-1:2012 ( 1ª Edição )**

Railway applications Marking on railway vehicles Part 1: Freight wagons

**Termo de Adopção n°2012/1051, 2012-09-26**

**EN 15882-4:2012 ( 1ª Edição )**

Extended application of results from fire resistance tests for service installations Part 4: Linear joint seals

**Termo de Adopção n°2012/0983, 2012-09-26**

**EN 16029:2012 ( 1ª Edição )**

Ride-on, motorized vehicles intended for the transportation of persons and not intended for use on public roads Single-track two-wheel motor vehicles Safety requirements and test methods

**Termo de Adopção n°2012/1052, 2012-09-26**

**EN 16031:2012 ( 1ª Edição )**

Adjustable telescopic aluminium props Product specifications, design and assessment by calculation and tests

**Termo de Adopção n°2012/0984, 2012-09-26**

**EN 16057:2012 ( 1ª Edição )**

Influence of metallic materials on water intended for human consumption Determination of residual surface lead (Pb) Extraction method

**Termo de Adopção n°2012/0985, 2012-09-26**

**EN 16058:2012 ( 1ª Edição )**

Influence of metallic materials on water intended for human consumption Dynamic rig test for assessment of surface coatings with nickel layers Long-term test method

**Termo de Adopção n°2012/0986, 2012-09-26**

**EN 16204:2012 ( 1ª Edição )**

Foodstuffs Determination of lipophilic algal toxins (okadaic acid group toxins, yessotoxins, azaspiracids, pectenotoxins) in

shellfish and shellfish products by LC-MS/MS

**Termo de Adopção n°2012/0987, 2012-09-26**

**EN 16224:2012 ( 1ª Edição )**

Healthcare provision by chiropractors

**Termo de Adopção n°2012/1053, 2012-09-26**

**EN 50083-2:2012 ( 4ª Edição )**

Cable networks for television signals, sound signals and interactive services Part 2: Electromagnetic compatibility for equipment

**Termo de Adopção n°2012/1072, 2012-09-26**

**EN 50136-1:2012 ( 1ª Edição )**

Alarm systems - Alarm transmission systems and equipment Part 1: General requirements for alarm transmission systems

**Termo de Adopção n°2012/1073, 2012-09-26**

**EN 50317:2012 ( 2ª Edição )**

Railway applications - Current collection systems - Requirements for and validation of measurements of the dynamic interaction between pantographs and overhead contact line

**Termo de Adopção n°2012/1074, 2012-09-26**

**EN 50411-2-2:2012 ( 2ª Edição )**

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications Part 2-2: Sealed pan fibre splice closures Type 1, for category S & A

**Termo de Adopção n°2012/1075, 2012-09-26**

**EN 50411-2-3:2012 ( 2ª Edição )**

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications Part 2-3: Sealed inline fibre splice closures Type 1, for category S & A

**Termo de Adopção n°2012/1076, 2012-09-26**

**EN 50411-2-4:2012 ( 2ª Edição )**

Fibre organisers and closures to be used in optical fibre communication systems - Product specifications Part 2-4: Sealed dome fibre splice closures Type 1, for category S & A

**Termo de Adopção n°2012/1077, 2012-09-26**

**EN 50411-3-3:2011 ( 1ª Edição )**

Fibre organisers and closures to be used in optical fibre communications systems - Product specifications Part 3-3: Singlemode optical fibre fusion splice protectors

**Termo de Adopção n°2012/1005, 2012-09-26**

**EN 55032:2012 ( 1ª Edição )**

Electromagnetic compatibility of multimedia equipment - Emission requirements (CISPR 32:2012)

**Termo de Adopção n°2012/1078, 2012-09-26**

**EN 60061-1:1993 /A 47:2012 ( 1ª Edição )**

Lamp caps and holders together with gauges for the control of interchangeability and safety Part 1: Lamp caps (IEC 60061-1:1969/A47:2011)

**Termo de Adopção n°2012/1079, 2012-09-26**

**EN 60118-15:2012 ( 1ª Edição )**

Electroacoustics - Hearing aids Part 15: Methods for characterising signal processing in hearing aids with a speech-like signal (IEC 60118-15:2012)

**Termo de Adopção n°2012/1080, 2012-09-26**

**EN 60296:2012 ( 2ª Edição )**

Fluids for electrotechnical applications - Unused mineral insulating oils for transformers and switchgear (IEC 60296:2012)

**Termo de Adopção n°2012/1081, 2012-09-26**

**EN 60297-3-107:2012 ( 1ª Edição )**

Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series Part 3-107: Dimensions of subracks and plug-in units, small form factor (IEC 60297-3-107:2012)

**Termo de Adopção nº**2012/1006, 2012-09-26

**EN 60335-1:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 1: General requirements (IEC 60335-1:2010, modif)

**Termo de Adopção nº**2012/1007, 2012-09-26

**EN 60335-2-25:2012 ( 5ª Edição )**

Household and similar electrical appliances - Safety Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens (IEC 60335-2-25:2010, modif)

**Termo de Adopção nº**2012/1008, 2012-09-26

**EN 60335-2-36:2002 /A 11:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements

**Termo de Adopção nº**2012/1082, 2012-09-26

**EN 60335-2-37:2002 /A 11:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 2-37: Particular requirements for commercial electric deep fat fryers

**Termo de Adopção nº**2012/1083, 2012-09-26

**EN 60335-2-42:2003 /A 11:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens

**Termo de Adopção nº**2012/1084, 2012-09-26

**EN 60335-2-47:2003 /A 11:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 2-47: Particular requirements for commercial electric boiling pans

**Termo de Adopção nº**2012/1085, 2012-09-26

**EN 60335-2-48:2003 /A 11:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 2-48: Particular requirements for commercial electric grillers and toasters

**Termo de Adopção nº**2012/1086, 2012-09-26

**EN 60335-2-49:2003 /A 11:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm

**Termo de Adopção nº**2012/1087, 2012-09-26

**EN 60352-5:2012 ( 4ª Edição )**

Solderless connections Part 5: Press-in connections - General requirements, test methods and practical guidance (IEC 60352-5:2012)

**Termo de Adopção nº**2012/1088, 2012-09-26

**EN 60432-1:2000 /A 2:2012 ( 2ª Edição )**

Incandescent lamps - Safety specifications Part 1: Tungsten filament lamps for domestic and similar general lighting purposes (IEC 60432-1:1999/A1:2011)

**Termo de Adopção nº**2012/1009, 2012-09-26

**EN 60512-1-100:2012 ( 3ª Edição )**

Connectors for electronic equipment - Tests and measurements Part 1-100 : General - Applicable publications (IEC 60512-1-100:2012)

**Termo de Adopção nº**2012/1089, 2012-09-26

**EN 60626-1:2012 ( 2ª Edição )**

Combined flexible materials for electrical insulation Part 1: Definitions and general requirements (IEC 60626-1:2009)

**Termo de Adopção nº**2012/1090, 2012-09-26

**EN 60731:2012 ( 2ª Edição )**

Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy (IEC 60731:2011)

**Termo de Adopção nº**2012/1091, 2012-09-26

**EN 60745-2-4:2009 /A 11:2011 ( 2ª Edição )**

Hand-held motor-operated electric tools - Safety Part 2-4: Particular requirements for sanders and polishers other than disk type

**Termo de Adopção nº**2012/1010, 2012-09-26

**EN 60819-1:2012 ( 2ª Edição )**

Non-cellulosic papers for electrical purposes Part 1: Definitions and general requirements (IEC 60819-1:2009)

**Termo de Adopção nº**2012/1011, 2012-09-26

**EN 60893-3-3:2004 /A 1:2012 ( 1ª Edição )**

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes Part 3-3: Specifications for individual materials - Requirements for rigid laminated sheets based on melamine resins (IEC 60893-3-3:2003/A1:2011)

**Termo de Adopção nº**2012/1092, 2012-09-26

**EN 60901:1996 /A 5:2012 ( 2ª Edição )**

Single-capped fluorescent lamps - Performance specifications (IEC 60901:1996/A5:2011)

**Termo de Adopção nº**2012/1012, 2012-09-26

**EN 60947-3:2009 /A 1:2012 ( 3ª Edição )**

Low-voltage switchgear and controlgear Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units (IEC 60947-3:2008/A1:2012)

**Termo de Adopção nº**2012/1093, 2012-09-26

**EN 60947-4-2:2012 ( 3ª Edição )**

Low-voltage switchgear and controlgear Part 4-2: Contactors and motor-starters - AC semiconductor motor controllers and starters (IEC 60947-4-2:2011)

**Termo de Adopção nº**2012/1094, 2012-09-26

**EN 60947-8:2003 /A 2:2012 ( 1ª Edição )**

Low-voltage switchgear and controlgear Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines (IEC 60947-8:2003/A2:2011)

**Termo de Adopção nº**2012/1095, 2012-09-26

**EN 61158-3-12:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 3-12: Data-link layer service definition - Type 12 elements (IEC 61158-3-12:2010)

**Termo de Adopção nº**2012/1096, 2012-09-26

**EN 61158-3-14:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 3-14: Data-link layer service definition - Type 14 elements (IEC 61158-3-14:2010)

**Termo de Adopção nº**2012/1097, 2012-09-26

**EN 61158-3-19:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 3-19: Data-link layer service definition - Type 19 elements (IEC 61158-3-19:2010)

**Termo de Adopção nº**2012/1098, 2012-09-26

**EN 61158-3-21:2012 ( 1ª Edição )**

Industrial communication networks - Fieldbus specifications Part 3-21: Data-link layer service definition - Type 21 elements (IEC 61158-3-21:2010)

**Termo de Adopção nº**2012/1099, 2012-09-26

**EN 61158-3-22:2012 ( 1ª Edição )**

Industrial communication networks - Fieldbus specifications Part 3-22: Data-link layer service definition - Type 22 elements (IEC 61158-3-22:2010)

**Termo de Adopção nº**2012/1100, 2012-09-26

**EN 61158-4-2:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-2: Data-link layer protocol specification - Type 2 elements (IEC 61158-4-2:2010)

**Termo de Adopção nº**2012/1101, 2012-09-26

**EN 61158-4-3:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-3: Data-link layer protocol specification - Type 3 elements (IEC 61158-4-3:2010)

**Termo de Adopção nº**2012/1102, 2012-09-26

**EN 61158-4-11:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-11: Data-link layer protocol specification - Type 11 elements (IEC 61158-4-11:2010)

**Termo de Adopção nº**2012/1103, 2012-09-26

**EN 61158-4-12:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-12: Data-link layer protocol specification - Type 12 elements (IEC 61158-4-12:2010)

**Termo de Adopção nº**2012/1104, 2012-09-26

**EN 61158-4-14:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-14: Data-link layer protocol specification - Type 14 elements (IEC 61158-4-14:2010)

**Termo de Adopção nº**2012/1105, 2012-09-26

**EN 61158-4-18:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-18: Data-link layer protocol specification - Type 18 elements (IEC 61158-4-18:2010)

**Termo de Adopção nº**2012/1106, 2012-09-26

**EN 61158-4-19:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-19: Data-link layer protocol specification - Type 19 elements (IEC 61158-4-19:2010)

**Termo de Adopção nº**2012/1107, 2012-09-26

**EN 61158-4-21:2012 ( 1ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-21: Data-link layer protocol specification - Type 21 elements (IEC 61158-4-21:2010)

**Termo de Adopção nº**2012/1108, 2012-09-26

**EN 61158-4-22:2012 ( 1ª Edição )**

Industrial communication networks - Fieldbus specifications Part 4-22: Data-link layer protocol specification - Type 22 elements (IEC 61158-4-22:2010)

**Termo de Adopção nº**2012/1109, 2012-09-26

**EN 61158-5-2:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-2 : Application layer service definition (IEC 61158-5-2:2010)

**Termo de Adopção nº**2012/1110, 2012-09-26

**EN 61158-5-3:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-3: Application layer service definition - Type 3 elements (IEC 61158-5-3:2010)

**Termo de Adopção nº**2012/1111, 2012-09-26

**EN 61158-5-10:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-10: Application layer service definition - Type 10 elements (IEC 61158-5-10:2010)

**Termo de Adopção nº**2012/1112, 2012-09-26

**EN 61158-5-12:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-12: Application layer service definition - Type 12 elements (IEC 61158-5-12:2010)

**Termo de Adopção nº**2012/1113, 2012-09-26

**EN 61158-5-14:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-14: Application layer service definition - Type 14 elements (IEC 61158-5-14:2010)

**Termo de Adopção nº**2012/1114, 2012-09-26

**EN 61158-5-15:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-15: Application layer service definition - Type 15 elements (IEC 61158-5-15:2010)

**Termo de Adopção nº**2012/1115, 2012-09-26

**EN 61158-5-18:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-18: Application layer service definition - Type 18 elements (IEC 61158-5-18:2007)

**Termo de Adopção nº**2012/1116, 2012-09-26

**EN 61158-5-19:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-19: Application layer service definition - Type 19 elements (IEC 61158-5-19:2010)

**Termo de Adopção nº**2012/1117, 2012-09-26

**EN 61158-5-20:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-20: Application layer service definition - Type 20 elements (IEC 61158-5-20:2010)

**Termo de Adopção nº**2012/1118, 2012-09-26

**EN 61158-5-21:2012 ( 1ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-21: Application layer service definition - Type 21 elements communication networks - Fieldbus (IEC 61158-5-21:2010)

**Termo de Adopção nº**2012/1119, 2012-09-26

**EN 61158-5-22:2012 ( 1ª Edição )**

Industrial communication networks - Fieldbus specifications Part 5-22: Application layer service definition - Type 22 elements (IEC 61158-5-22:2010)

**Termo de Adopção nº**2012/1120, 2012-09-26

**EN 61158-6-2:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-2: Application layer protocol specification - Type 2 elements (IEC 61158-6-2:2010)

**Termo de Adopção nº**2012/1121, 2012-09-26

**EN 61158-6-3:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-3: Application layer protocol specification - Type 3 elements (IEC 61158-6-3:2010)

**Termo de Adopção nº2012/1122, 2012-09-26**

**EN 61158-6-9:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-9: Application layer protocol specification - Type 9 elements (IEC 61158-6-9:2010)

**Termo de Adopção nº2012/1123, 2012-09-26**

**EN 61158-6-10:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-10: Application layer protocol specification - Type 10 elements (IEC 61158-6-10:2010)

**Termo de Adopção nº2012/1124, 2012-09-26**

**EN 61158-6-12:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-12: Application layer protocol specification - Type 12 elements (IEC 61158-6-12:2010)

**Termo de Adopção nº2012/1125, 2012-09-26**

**EN 61158-6-14:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-14: Application layer protocol specification - Type 14 elements (IEC 61158-6-14:2010)

**Termo de Adopção nº2012/1126, 2012-09-26**

**EN 61158-6-15:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-15: Application layer protocol specification - Type 15 elements (IEC 61158-6-15:2010)

**Termo de Adopção nº2012/1127, 2012-09-26**

**EN 61158-6-18:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-18: Application layer protocol specification - Type 18 elements (IEC 61158-6-18:2010)

**Termo de Adopção nº2012/1128, 2012-09-26**

**EN 61158-6-19:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-19: Application layer protocol specification - Type 19 elements (IEC 61158-6-19:2010)

**Termo de Adopção nº2012/1129, 2012-09-26**

**EN 61158-6-20:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-20: Application layer protocol specification - Type 20 elements (IEC 61158-6-20:2010)

**Termo de Adopção nº2012/1130, 2012-09-26**

**EN 61158-6-21:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-21: Application layer protocol specification - Type 21 elements (IEC 61158-6-21:2010)

**Termo de Adopção nº2012/1131, 2012-09-26**

**EN 61158-6-22:2012 ( 2ª Edição )**

Industrial communication networks - Fieldbus specifications Part 6-22: Application layer protocol specification - Type 22 elements (IEC 61158-6-22:2010)

**Termo de Adopção nº2012/1132, 2012-09-26**

**EN 61181:2007 /A 1:2012 ( 2ª Edição )**

Mineral oil-filled electrical equipment - Application of dissolved gas analysis (DGA) to factory tests on electrical equipment (IEC 61181:2007/A1:2012)

**Termo de Adopção nº2012/1133, 2012-09-26**

**EN 61291-2:2012 ( 3ª Edição )**

Optical amplifiers Part 2: Digital applications - Performance specification template (IEC 61291-2:2012)

**Termo de Adopção nº2012/1013, 2012-09-26**

**EN 61300-3-33:2012 ( 2ª Edição )**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-33: Examinations and measurement - Withdrawal force from a resilient alignment sleeve using gauge pins (IEC 61300-3-33:2012)

**Termo de Adopção nº2012/1134, 2012-09-26**

**EN 61340-4-4:2012 ( 2ª Edição )**

Electrostatics Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC) (IEC 61340-4-4:2012)

**Termo de Adopção nº2012/1014, 2012-09-26**

**EN 61439-3:2012 ( 1ª Edição )**

Low-voltage switchgear and controlgear assemblies Part 3: Distribution boards intended to be operated by ordinary persons (DBO) (IEC 61439-3:2012)

**Termo de Adopção nº2012/1135, 2012-09-26**

**EN 61753-087-6:2012 ( 1ª Edição )**

Fibre optic interconnecting devices and passive components - Performance standard Part 087-6: Non-connectorised single-mode bidirectional 1310 nm upstream and 1490 nm downstream WWDM devices for category O - Uncontrolled environment (IEC 61753-087-6:2012)

**Termo de Adopção nº2012/1136, 2012-09-26**

**EN 61755-3-6:2006 /A 1:2012 ( 1ª Edição )**

Fibre optic connector optical interfaces Part 3-6: Optical interface - 2,5 mm and 1,25 mm diameter cylindrical 8 degrees angled-PC composite ferrule using Cu-Ni-alloy as fibre surrounding material, single mode fibre (IEC 61755-3-6:2006/A1:2012)

**Termo de Adopção nº2012/1137, 2012-09-26**

**EN 61988-2-1:2012 ( 2ª Edição )**

Plasma display panels Part 2-1: Measuring methods - Optical and optoelectrical (IEC 61988-2-1:2012)

**Termo de Adopção nº2012/1015, 2012-09-26**

**EN 62034:2012 ( 2ª Edição )**

Automatic test systems for battery powered emergency escape lighting (IEC 62034:2012)

**Termo de Adopção nº2012/1138, 2012-09-26**

**EN 62196-1:2012 ( 2ª Edição )**

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles Part 1: General requirements (IEC 62196-1:2011)

**Termo de Adopção nº2012/1016, 2012-09-26**

**EN 62196-2:2012 ( 1ª Edição )**

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories (IEC 62196-2:2011)

**Termo de Adopção nº2012/1017, 2012-09-26**

**EN 62264-5:2012 ( 1ª Edição )**

Enterprise system integration Part 5: Business to manufacturing transactions (IEC 62264-5:2011)

**Termo de Adopção nº2012/1018, 2012-09-26**

**EN 62271-203:2012 ( 2ª Edição )**

High-voltage switchgear and controlgear Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV (IEC 62271-203:2011)

**Termo de Adopção n°2012/1019, 2012-09-26**

**EN 62282-3-100:2012 ( 1ª Edição )**

Fuel cell technologies Part 3-100: Stationary fuel cell power systems - Safety (IEC 62282-3-100:2012)

**Termo de Adopção n°2012/1139, 2012-09-26**

**EN 62337:2012 ( 2ª Edição )**

Commissioning of electrical, instrumentation and control systems in the process industry - Specific phases and milestones (IEC 62337:2012)

**Termo de Adopção n°2012/1140, 2012-09-26**

**EN 62341-6-2:2012 ( 1ª Edição )**

Organic light emitting diode (OLED) displays Part 6-2: Measuring methods of visual quality and ambient performance (IEC 62341-6-2:2012)

**Termo de Adopção n°2012/1020, 2012-09-26**

**EN 62381:2012 ( 2ª Edição )**

Automation systems in the process industry - Factory Acceptance Test (FAT), Site Acceptance Test (SAT), and Site Integration Test (SIT) (IEC 62381:2012)

**Termo de Adopção n°2012/1141, 2012-09-26**

**EN 62439-4:2010 /A 1:2012 ( 1ª Edição )**

Industrial communication networks - High availability automation networks Part 4: Cross-network Redundancy Protocol (CRP) (IEC 62439-4:2010/A1:2012)

**Termo de Adopção n°2012/1142, 2012-09-26**

**EN 62639:2012 ( 1ª Edição )**

Fluorescent induction lamps - Performance requirements (IEC 62639:2012)

**Termo de Adopção n°2012/1143, 2012-09-26**

**EN 300132-3-0:2012 ( V2.1.1 )**

Environmental Engineering (EE); Power supply interface at the input to telecommunications and datacom (ICT) equipment Part 3: Operated

by rectified current source, alternating current source or direct current source up to 400 V Sub-part 0: Overview

**Termo de Adopção n°2012/1021, 2012-09-26**

**EN 300132-3-1:2012 ( V2.1.1 )**

Environmental Engineering (EE); Power supply interface at the input to telecommunications and datacom (ICT) equipment Part 3: Operated

by rectified current source, alternating current source or direct current source up to 400 V Sub-part 1: Direct current source up to 400 V

**Termo de Adopção n°2012/1022, 2012-09-26**

**EN 300392-9:2012 ( V1.5.1 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D) Part 9: General requirements for supplementary services

**Termo de Adopção n°2012/1144, 2012-09-26**

**EN 300392-12-4:2012 ( V1.3.1 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D) Part 12: Supplementary services stage 3 Sub-part 4: Call Forwarding (CF)

**Termo de Adopção n°2012/1145, 2012-09-26**

**EN 300392-12-13:2012 ( V1.2.1 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D)

Part 12: Supplementary services stage 3 Sub-part 13: Call Completion to Busy Subscriber (CCBS)

**Termo de Adopção n°2012/1146, 2012-09-26**

**EN 300392-12-14:2012 ( V1.2.1 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D)

Part 12: Supplementary services stage 3 Sub-part 14: Late Entry (LE)

**Termo de Adopção n°2012/1147, 2012-09-26**

**EN 300392-12-20:2012 ( V1.2.1 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D) Part 12: Supplementary services stage 3

Sub-part 20: Discreet Listening (DL)

**Termo de Adopção n°2012/1148, 2012-09-26**

**EN 300392-12-21:2012 ( V1.5.1 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D)

Part 12: Supplementary services stage 3 Sub-part 21: Ambience Listening (AL)

**Termo de Adopção n°2012/1149, 2012-09-26**

**EN 300392-12-23:2012 ( V1.2.1 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D)

Part 12: Supplementary services stage 3 Sub-part 23: Call Completion on No Reply (CCNR)

**Termo de Adopção n°2012/1150, 2012-09-26**

**EN 301575:2012 ( V1.1.1 )**

Environmental Engineering (EE); Measurement method for energy consumption of Customer Premises Equipment (CPE)

**Termo de Adopção n°2012/1151, 2012-09-26**

**EN 301649:2012 ( V2.2.1 )**

Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS)

**Termo de Adopção n°2012/1023, 2012-09-26**

**EN 302288-1:2012 ( V1.6.1 )**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz

range Part 1: Technical requirements and methods of measurement

**Termo de Adopção n°2012/1152, 2012-09-26**

**EN 302288-2:2012 ( V1.6.1 )**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz

range Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

**Termo de Adopção n°2012/1153, 2012-09-26**

**EN 302755:2012 ( V1.3.1 )**

Digital Video Broadcasting (DVB); Frame structure channel coding and modulation for a second generation digital terrestrial television broadcasting system (DVB-T2)

**Termo de Adopção n°2012/1154, 2012-09-26**

**EN 302774:2012 ( V1.2.1 )**

Broadband Wireless Access Systems (BWA) in the 3 400 MHz to 3 800 MHz frequency band; Base Stations; Harmonized EN covering the

essential requirements of article 3.2 of the R&TTE Directive

**Termo de Adopção n°2012/1024, 2012-09-26**

**EN ISO 898-5:2012 ( 2ª Edição )**

Mechanical properties of fasteners made of carbon steel and alloy steel Part 5: Set screws and similar threaded fasteners with

specified hardness classes - Coarse thread and fine pitch thread

(ISO 898-5:2012)



**Termo de Adopção nº2012/1054, 2012-09-26**

**EN ISO 1974:2012 ( 1ª Edição )**

Paper Determination of tearing resistance Elmendorf method (ISO 1974:2012)

**Termo de Adopção nº2012/0988, 2012-09-26**

**EN ISO 4007:2012 ( 1ª Edição )**

Personal protective equipment Eye and face protection Vocabulary (ISO 4007:2012)

**Termo de Adopção nº2012/0989, 2012-09-26**

**EN ISO 4254-12:2012 ( 1ª Edição )**

Agricultural machinery Safety Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012)

**Termo de Adopção nº2012/1055, 2012-09-26**

**EN ISO 5832-2:2012 ( 1ª Edição )**

Implants for surgery Metallic materials Part 2: Unalloyed titanium (ISO 5832-2:1999)

**Termo de Adopção nº2012/0990, 2012-09-26**

**EN ISO 5832-3:2012 ( 1ª Edição )**

Implants for surgery Metallic materials Part 3: Wrought titanium 6-aluminium 4-vanadium alloy (ISO 5832-3:1996)

**Termo de Adopção nº2012/0991, 2012-09-26**

**EN ISO 6498:2012 ( 1ª Edição )**

Animal feeding stuffs Guidelines for sample preparation (ISO 6498:2012)

**Termo de Adopção nº2012/1056, 2012-09-26**

**EN ISO 6974-1:2012 ( 2ª Edição )**

Natural gas Determination of composition and associated uncertainty by gas chromatography Part 1: General guidelines and calculation of composition (ISO 6974-1:2012)

**Termo de Adopção nº2012/0992, 2012-09-26**

**EN ISO 6974-2:2012 ( 2ª Edição )**

Natural gas Determination of composition and associated uncertainty by gas chromatography Part 2: Uncertainty calculations (ISO 6974-2:2012)

**Termo de Adopção nº2012/0993, 2012-09-26**

**EN ISO 9227:2012 ( 2ª Edição )**

Corrosion tests in artificial atmospheres Salt spray tests (ISO 9227:2012)

**Termo de Adopção nº2012/0994, 2012-09-26**

**EN ISO 9712:2012 ( 1ª Edição )**

Non-destructive testing Qualification and certification of NDT personnel (ISO 9712:2012)

**Termo de Adopção nº2012/1057, 2012-09-26**

**EN ISO 9906:2012 ( 2ª Edição )**

Rotodynamic pumps Hydraulic performance acceptance tests Grades 1, 2 and 3 (ISO 9906:2012)

**Termo de Adopção nº2012/0995, 2012-09-26**

**EN ISO 12153:2012 ( 1ª Edição )**

Welding consumables Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys Classification (ISO 12153:2011)

**Termo de Adopção nº2012/0996, 2012-09-26**

**EN ISO 12215-9:2012 ( 1ª Edição )**

Small craft Hull construction and scantlings Part 9: Sailing craft appendages (ISO 12215-9:2012)

**Termo de Adopção nº2012/1058, 2012-09-26**

**EN ISO 12782-1:2012 ( 1ª Edição )**

Soil quality Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials Part 1: Extraction of amorphous iron oxides and hydroxides with ascorbic acid (ISO 12782-1:2012)

**Termo de Adopção nº2012/1059, 2012-09-26**

**EN ISO 12782-2:2012 ( 1ª Edição )**

Soil quality Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials Part 2: Extraction of crystalline iron oxides and hydroxides with dithionite (ISO 12782-2:2012)

**Termo de Adopção nº2012/1060, 2012-09-26**

**EN ISO 12782-3:2012 ( 1ª Edição )**

Soil quality Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials Part 3: Extraction of aluminium oxides and hydroxides with ammonium oxalate/oxalic acid (ISO 12782-3:2012)

**Termo de Adopção nº2012/1061, 2012-09-26**

**EN ISO 12782-4:2012 ( 1ª Edição )**

Soil quality Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials Part 4: Extraction of humic substances from solid samples (ISO 12782-4:2012)

**Termo de Adopção nº2012/1062, 2012-09-26**

**EN ISO 12782-5:2012 ( 1ª Edição )**

Soil quality Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials Part 5: Extraction of humic substances from aqueous samples (ISO 12782-5:2012)

**Termo de Adopção nº2012/1063, 2012-09-26**

**EN ISO 13225:2012 ( 1ª Edição )**

Geometrical product specifications (GPS) Dimensional measuring equipment; Height gauges Design and metrological characteristics (ISO 13225:2012)

**Termo de Adopção nº2012/0997, 2012-09-26**

**EN ISO 13585:2012 ( 1ª Edição )**

Brazing Qualification test of brazers and brazing operators (ISO 13585:2012)

**Termo de Adopção nº2012/1064, 2012-09-26**

**EN ISO 16834:2012 ( 2ª Edição )**

Welding consumables Wire electrodes, wires, rods and deposits for gas shielded arc welding of high strength steels Classification (ISO 16834:2012)

**Termo de Adopção nº2012/0998, 2012-09-26**

**EN ISO 17653:2012 ( 2ª Edição )**

Resistance welding Destructive tests on welds in metallic materials Torsion test of resistance spot welds (ISO 17653:2012)

**Termo de Adopção nº2012/0999, 2012-09-26**

**EN ISO 18275:2012 ( 1ª Edição )**

Welding consumables Covered electrodes for manual metal arc welding of high-strength steels Classification (ISO 18275:2011)

**Termo de Adopção nº2012/1000, 2012-09-26**

**EN ISO 21952:2012 ( 2ª Edição )**

Welding consumables Wire electrodes, wires, rods and deposits for gas shielded arc welding of creep-resisting steels Classification (ISO 21952:2012)

**Termo de Adopção n°**2012/1001, 2012-09-26

**EN ISO 22282-1:2012 ( 1ª Edição )**

Geotechnical investigation and testing Geohydraulic testing Part 1: General rules (ISO 22282-1:2012)

**Termo de Adopção n°**2012/1065, 2012-09-26

**EN ISO 22282-2:2012 ( 1ª Edição )**

Geotechnical investigation and testing Geohydraulic testing Part 2: Water permeability tests in a borehole using open systems (ISO 22282-2:2012)

**Termo de Adopção n°**2012/1066, 2012-09-26

**EN ISO 22282-3:2012 ( 1ª Edição )**

Geotechnical investigation and testing Geohydraulic testing Part 3: Water pressure tests in rock (ISO 22282-3:2012)

**Termo de Adopção n°**2012/1067, 2012-09-26

**EN ISO 22282-4:2012 ( 1ª Edição )**

Geotechnical investigation and testing Geohydraulic testing Part 4: Pumping tests (ISO 22282-4:2012)

**Termo de Adopção n°**2012/1068, 2012-09-26

**EN ISO 22282-5:2012 ( 1ª Edição )**

Geotechnical investigation and testing Geohydraulic testing Part 5: Infiltration tests (ISO 22282-5:2012)

**Termo de Adopção n°**2012/1069, 2012-09-26

**EN ISO 22282-6:2012 ( 1ª Edição )**

Geotechnical investigation and testing Geohydraulic testing Part 6: Water permeability tests in a borehole using closed systems (ISO 22282-6:2012)

**Termo de Adopção n°**2012/1070, 2012-09-26

**EN ISO 22825:2012 ( 2ª Edição )**

Non-destructive testing of welds Ultrasonic testing Testing of welds in austenitic steels and nickel-based alloys (ISO 22825:2012)

**Termo de Adopção n°**2012/1002, 2012-09-26

**EN ISO 24443:2012 ( 1ª Edição )**

Determination of sunscreen UVA photoprotection in vitro (ISO 24443:2012)

**Termo de Adopção n°**2012/1071, 2012-09-26

**EN ISO 24598:2012 ( 2ª Edição )**

Welding consumables Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of creep-resisting steels Classification (ISO 4598:2012)

**Termo de Adopção n°**2012/1003, 2012-09-26

**EN ISO 81060-1:2012 ( 1ª Edição )**

Non-invasive sphygmomanometers Part 1: Requirements and test methods for non-automated measurement type (ISO 81060-1:2007)

**Termo de Adopção n°**2012/1004, 2012-09-26

## 2. Normas Europeias Publicadas

### 2.1 CEN

Normas Europeias aprovadas na área não eletrotécnica pelo Comité Europeu de Normalização (CEN), e pelo Comité Europeu para a Normalização do Ferro e do Aço (ECISS).

Para cada referência, menciona-se o comité técnico, a designação codificada e o título.

**CWA 16504:2012 ( Ed. 1 )**

Simplified multilateral EDI Secure electronic data interchange in non-hierarchical networks

**CWA 16505:2012 ( Ed. 1 )**

Container Security & Tracking Devices Technical Specifications and Communication Standards

**EN 161-:2011+A2:2012 ( Ed. 1 )**

Automatic shut-off valves for gas burners and gas appliances

**EN 16231:2012 ( Ed. 1 )**

Energy efficiency benchmarking methodology

TC CASCO

**EN ISO/IEC 17065:2012 ( Ed. 1 )**

Conformity assessment Requirements for bodies certifying products, processes and services (ISO/IEC 17065:2012)

TC 19

**CEN/TS 15940:2012 ( Ed. 1 )**

Automotive fuels Paraffinic diesel fuel from synthesis or hydrotreatment Requirements and test methods

TC 19

**EN 14214:2012 ( Ed. 3 )**

Liquid petroleum products Fatty acid methyl esters (FAME) for use in diesel engines and heating applications Requirements and test methods

TC 19

**EN 16270:2012 ( Ed. 1 )**

Automotive fuels Determination of high-boiling components including fatty acid methyl esters in petrol Gas chromatographic method

TC 19

**EN 16300:2012 ( Ed. 1 )**

Automotive fuels Determination of iodine value in fatty acid methyl esters (FAME) Calculation method from gas chromatographic data

TC 23

**EN ISO 7225:2007 /A 1:2012 ( Ed. 1 )**

Gas cylinders Precautionary labels (ISO 7225:2005/Amd 1:2012)

TC 23

**EN ISO 7866:2012 ( Ed. 1 )**

Gas cylinders Refillable seamless aluminium alloy gas cylinders Design, construction and testing (ISO 7866:2012)

TC 38

**CEN/TR 15003:2012 ( Ed. 1 )**

Durability of wood and wood-based products Criteria for hot air processes for curative uses against wood destroying organisms

TC 55

**EN ISO 14457:2012 ( Ed. 1 )**

Dentistry Handpieces and motors (ISO 14457:2012)

TC 55

**EN ISO 21672-2:2012 ( Ed. 1 )**

Dentistry Periodontal probes Part 2: Designation (ISO 21672-2:2012)

TC 104

**EN 12390-1:2012 ( Ed. 2 )**

Testing hardened concrete Part 1: Shape, dimensions and other requirements for specimens and moulds

TC 104

**EN 12504-2:2012 ( Ed. 2 )**

Testing concrete in structures Part 2: Non-destructive testing - Determination of rebound number

TC 112

**EN 636:2012 ( Ed. 2 )**

Plywood Specifications

TC 125

**EN 846-14:2012 ( Ed. 1 )**

Methods of test for ancillary components for masonry Part 14: Determination of the initial shear strength between the prefabricated part of a composite lintel and the masonry above it

TC 128

**EN 12467:2012 ( Ed. 3 )**

Fibre-cement flat sheets Product specification and test methods

TC 134

**EN 650:2012 ( Ed. 2 )**

Resilient floor coverings Polyvinyl chloride floor coverings on jute backing or on polyester felt backing or on a polyester felt with a polyvinyl chloride backing Specification

TC 142

**EN 1870-9:2012 ( Ed. 2 )**

Safety of woodworking machines Circular sawing machines Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading

TC 142

**EN 1870-5.2002+A2:2012 ( Ed. 1 )**

Safety of woodworking machines Circular sawing machines Part 5: Circular sawbenches/up-cutting cross-cut sawing machines

TC 151

**EN 12001:2012 ( Ed. 2 )**

Conveying, spraying and placing machines for concrete and mortar Safety requirements

TC 151

**EN ISO 6165:2012 ( Ed. 4 )**

Earth-moving machinery Basic types Identification and terms and definitions  
(ISO 6165:2012)

TC 155

**CEN/TS 12666-2:2012 ( Ed. 2 )**

Plastics piping systems for non-pressure underground drainage and sewerage - Polyethylene (PE) Part 2: Guidance for the assessment of conformity

TC 185

**EN ISO 16047:2005 /A 1:2012 ( Ed. 1 )**

Fasteners Torque/clamp force testing  
(ISO 16047:2005/Amd 1:2012)

TC 198

**EN 1034-27:2012 ( Ed. 1 )**

Safety of machinery Safety requirements for the design and construction of paper making and finishing machines Part 27: Roll handling systems

TC 205

**EN ISO 23907:2012 ( Ed. 1 )**

Sharps injury protection Requirements and test methods Sharps containers  
(ISO 23907:2012)

TC 212

**EN 16256-1:2012 ( Ed. 1 )**

Pyrotechnic articles Theatrical pyrotechnic articles Part 1: Terminology

TC 212

**EN 16256-2:2012 ( Ed. 1 )**

Pyrotechnic articles Theatrical pyrotechnic articles Part 2: Categories of theatrical pyrotechnic articles

TC 212

**EN 16261-1:2012 ( Ed. 1 )**

Pyrotechnic articles Fireworks, category 4 Part 1: Terminology

TC 212

**EN 16261-4:2012 ( Ed. 1 )**

Pyrotechnic articles - Fireworks, Category 4 Part 4: Minimum labelling requirements and instructions for use

TC 226

**EN 1317-5:2007+A2:2012 /AC :2012 ( Ed. 1 )**

Road restraint systems Part 5: Product requirements and evaluation of conformity for vehicle restraint systems

TC 248

**EN ISO 4920:2012 ( Ed. 1 )**

Textile fabrics Determination of resistance to surface wetting (spray test)  
(ISO 4920:2012)

TC 249

**EN ISO 11403-2:2012 ( Ed. 3 )**

Plastics Acquisition and presentation of comparable multipoint data Part 2: Thermal and processing properties  
(ISO 11403-2:2012)

TC 251

**EN ISO 1828:2012 ( Ed. 2 )**

Health informatics Categorical structure for terminological systems of surgical procedures  
(ISO 1828:2012)

TC 256

**EN 14587-3:2012 ( Ed. 1 )**

Railway applications Track - Flash butt welding of rails Part 3: Welding in association with crossing construction

TC 256

**EN 15437-2:2012 ( Ed. 2 )**

Railway applications Axlebox condition monitoring - Interface and design requirements Part 2: Performance and design requirements of on-board systems for temperature monitoring

TC 278

**EN ISO 17261:2012 ( Ed. 1 )**

Intelligent transport systems Automatic vehicle and equipment identification Intermodal goods transport architecture and terminology  
(ISO 17261:2012)

TC 278

**EN ISO 17262:2012 ( Ed. 1 )**

Intelligent transport systems Automatic vehicle and equipment identification Numbering and data structures  
(ISO 17262:2012)

TC 286

**EN 12252:2012 ( Ed. 3 )**

LPG equipment and accessories Equipping of LPG road tankers

TC 305

**EN 1839:2012 ( Ed. 2 )**

Determination of explosion limits of gases and vapours

TC 309

**CEN ISO/TR 16178:2012 ( Ed. 2 )**

Footwear Critical substances potentially present in footwear and footwear components  
(ISO/TR 16178:2012)

TC 315

**EN 13200-1:2012 ( Ed. 2 )**

Spectator facilities Part 1: General characteristics for spectator viewing area

TC 333

**EN 16054:2012 ( Ed. 1 )**

BMX bicycles Safety requirements and test methods

TC 347

**EN 16274:2012 ( Ed. 1 )**

Methods for analysis of allergens Quantification of suspected fragrance allergens in consumer products Step 1: GC analysis of ready-to-inject sample

TC 349

**EN 15651-1:2012 ( Ed. 2 )**

Sealants for non-structural use in joints in buildings and pedestrian walkways Part 1: Sealants for facade elements

TC 349

**EN 15651-2:2012 ( Ed. 2 )**

Sealants for non-structural use in joints in buildings and pedestrian walkways Part 2: Sealants for glazing

TC 349

**EN 15651-3:2012 ( Ed. 2 )**

Sealants for non-structural use in joints in buildings and pedestrian walkways Part 3: Sealants for sanitary joints

TC 349

**EN 15651-4:2012 ( Ed. 2 )**

Sealants for non-structural use in joints in buildings and pedestrian walkways Part 4: Sealants for pedestrian walkways

TC 349

**EN 15651-5:2012 ( Ed. 2 )**

Sealants for non-structural use in joints in buildings and

pedestrian walkways Part 5: Evaluation of conformity and marking

TC 379

**CEN/TR 16412:2012 ( Ed. 1 )**

Supply chain security (SCS) Good practice guide for small and medium sized operators

TC 383

**EN 16214-1:2012 ( Ed. 1 )**

Sustainability criteria for the production of biofuels and bioliquids for energy applications Principles, criteria, indicators and verifiers Part 1: Terminology

TC 383

**EN 16214-3:2012 ( Ed. 1 )**

Sustainability criteria for the production of biofuels and bioliquids for energy applications Principles, criteria, indicators and verifiers Part 3: Biodiversity and environmental aspects related to nature protection purposes

TC CSC01

**EN ISO 927:2009 /AC :2012 ( Ed. 1 )**

Spices and condiments Determination of extraneous matter and foreign matter content Technical Corrigendum 1 (ISO 927:2009/Cor 1:2012)

TC CSM11

**EN ISO 5755:2012 ( Ed. 1 )**

Sintered metal materials Specifications (ISO 5755:2012)

## 2.2 CENELEC

Normas Europeias aprovadas na área eletrotécnica pelo Comité Europeu de Normalização Eletrotécnica (CENELEC)

Para cada referência, menciona-se o Comité Técnico, a designação codificada e o título.

SR 4

**EN 61362:2012 ( Ed. 2 )**

Guide to specification of hydraulic turbine governing systems  
(IEC 61362: 2012)

TC 17D

**EN 61439-6:2012 ( Ed. 1 )**

Low-voltage switchgear and controlgear assemblies Part 6: Busbar trunking systems (busways)  
(IEC 61439-6:2012)

TC 209

**EN 60728-3-1:2012 ( Ed. 1 )**

Cable networks for television signals, sound signals and interactive services Part 3-1: Methods of measurement of non-linearity for full digital channel load with DVB-C signals  
(IEC 60728-3-1:2012)

### 2.3 CEN/CENELEC

Normas Europeias aprovadas pelo Comité Europeu de Normalização (CEN) / Comité Europeu de Normalização Eletrotécnica (CENELEC)

Para cada referência, menciona-se a designação codificada e o título.

**LISTA VAZIA**

## 2.4 ETSI

Normas Europeias aprovadas e publicadas no setor das Telecomunicações pelo Instituto Europeu de Normalização para as Telecomunicações (ETSI)

Para cada referência, menciona-se a designação codificada e o título.

TC ETSI

**TR 100027:1999 ( V1.2.1 )**

ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM);  
Methods of measurement for private mobile radio equipment

TC ETSI

**TR 101053-1:2006 ( V1.1.2 )**

Security Algorithms Group of Experts (SAGE); Rules for the  
management of the TETRA standard encryption algorithms Part 1:  
TEA1

TC ETSI

**TR 101054:1997 ( V1.1.1 )**

Security Algorithms Group of Experts (SAGE); Rules for the  
management of the HIPERLAN Standard Encryption Algorithm  
(HSEA)

TC ETSI

**TR 101092:1997 ( V1.1.1 )**

Network Aspects (NA); Report on Carrier Selection

TC ETSI

**TR 101508:2001 ( V8.0.1 )**

Digital cellular telecommunications system (Phase 2+); Adaptive  
Multi-Rate (AMR) speech codec; Study phase report (3GPP TR  
06.76  
version 8.0.1 Release 1999)

TC ETSI

**TR 102010:2001 ( V1.1.1 )**

Digital Enhanced Cordless Telecommunications (DECT); DECT  
access to IP networks

TC ETSI

**TR 102019:2002 ( V1.1.1 )**

Services and Protocols for Advanced Networks (SPAN); Design  
requirements for ITU J.arch, J.istp and J.tgcp

TC ETSI

**TR 102031-1:2002 ( V1.1.1 )**

Fixed Radio Systems; Point-to-point and point-to-multipoint  
equipment; Use of circular polarization in multipoint systems Part  
1: Systems aspects

TC ETSI

**TR 102040:2005 ( V1.3.1 )**

Electronic Signatures and Infrastructures (ESI); International  
Harmonization of Policy Requirements for CAs issuing Certificates

TC ETSI

**TR 102043:2002 ( V1.1.1 )**

Methods for Testing and Specification (MTS); The TTCN-3 Runtime  
Interface (TRI); Concepts and definition of the TRI

TC ETSI

**TR 102049:2002 ( V1.1.1 )**

PowerLine Telecommunications (PLT); Quality of Service (QoS)  
requirements for in-house systems

TC ETSI

**TR 102068:2002 ( V1.1.3 )**

Human Factors (HF); Requirements for assistive technology devices  
in ICT

TC ETSI

**TR 102081:1998 ( V1.1.1 )**

Network Aspects (NA); Number Portability Task Force (NPTF);  
Signalling requirements to support number portability

TC ETSI

**TR 102101:1999 ( V1.1.1 )**

Users' needs for Local Area Network (LAN) Interconnection  
standards

TC ETSI

**TR 102273-1-2:2001 ( V1.2.1 )**

Electromagnetic compatibility and Radio spectrum Matters (ERM);  
Improvement on Radiated Methods of Measurement (using test site)  
and evaluation of the corresponding measurement uncertainties Part  
1: Uncertainties in the measurement of mobile radio equipment  
characteristics  
Sub-part 2: Examples and annexes

TC ETSI

**TR 102273-7:2001 ( V1.2.1 )**

Electromagnetic compatibility and Radio spectrum Matters (ERM);  
Improvement on Radiated Methods of Measurement (using test site)  
and evaluation of the corresponding measurement uncertainties Part  
7: Artificial human beings

TC ETSI

**TR 102300-3:2009 ( V1.3.3 )**

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D);  
Designers' guide Part 3: Direct Mode Operation (DMO)

TC ETSI

**TR 103000-1:2003 ( V1.1.2 )**

Access and Terminals (AT); Analogue Access to Public Telephone  
Network; Advisory Notes to Standards Harmonizing Terminal  
Interface Part 1: List of all Advisory Notes

TC ETSI

**TR 103000-3-1:2001 ( V1.1.1 )**

Access and Terminals (AT); Analogue Access to Public Telephone  
Networks; Advisory Notes to Standards Harmonizing Terminal  
Interface Part 3: Country Specific Advisory Notes Sub-part 1:  
ATAAB Advisory Note AN018 for the Czech Republic Network;  
Automatic dialling with dial tone detection

TC ETSI

**TR 103050:2002 ( V1.2.1 )**

Access and Terminals (AT); Digital Access to Public Telephone  
Networks; Applicability of ITAAB Advisory Notes to TBRs

TC ETSI

**TR 121904:2002 ( V3.5.0 )**

Universal Mobile Telecommunications System (UMTS); User  
Equipment (UE) capability requirements  
(3GPP TR 21.904 version 3.5.0 Release 1999)

TC ETSI

**TR 121905:2001 ( V3.3.0 )**

Universal Mobile Telecommunications System (UMTS); Vocabulary  
for 3GPP Specifications  
(3GPP TR 21.905 version 3.3.0 Release 1999)



TC ETSI

**TR 121905:2003 ( V4.5.0 )**

Universal Mobile Telecommunications System (UMTS); Vocabulary for 3GPP Specifications  
(3GPP TR 21.905 version 4.5.0 Release 4)

TC ETSI

**TR 122907:2000 ( V3.1.3 )**

Universal Mobile Telecommunications System (UMTS); Terminal and smart card concepts  
(3G TR 22.907 version 3.1.3 Release 1999)

TC ETSI

**TR 122924:2000 ( V3.1.1 )**

Universal Mobile Telecommunications System (UMTS); Service aspects; Charging and Accounting Mechanisms  
(3G TR 22.924 version 3.1.1 Release 1999)

TC ETSI

**TR 122925:2000 ( V3.1.1 )**

Universal Mobile Telecommunications System (UMTS); Service aspects; Quality of Service and Network Performance  
(3G TR 22.925 version 3.1.1 Release 1999)

TC ETSI

**TR 122945:2000 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); Study on provisioning of fax in GSM and UMTS  
(3G TR 22.945 version 3.0.0 Release 1999)

TC ETSI

**TR 122960:2000 ( V3.0.1 )**

Universal Mobile Telecommunications System (UMTS); Mobile multimedia services including mobile Intranet and Internet services  
(3G TR 22.960 version 3.0.1 Release 1999)

TC ETSI

**TR 122970:2000 ( V3.0.1 )**

Universal Mobile Telecommunications System (UMTS); Service aspects; Virtual Home Environment (VHE)  
(3G TR 22.970 version 3.0.1 Release 1999)

TC ETSI

**TR 122971:2000 ( V3.1.1 )**

Universal Mobile Telecommunications System (UMTS); Automatic Establishment of Roaming Relationships  
(3G TR 22.971 version 3.1.1 Release 1999)

TC ETSI

**TR 122975:2000 ( V3.1.0 )**

Universal Mobile Telecommunications System (UMTS); Service aspects; Advanced Addressing  
(3G TR 22.975 version 3.1.0 Release 1999)

TC ETSI

**TR 123039:2001 ( V4.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Interface protocols for the connection of Short Message Service Centres (SMSCs) to Short Message Entities (SMEs)  
(3GPP TR 23.039 version 4.0.0 Release 4)

TC ETSI

**TR 123908:2001 ( V4.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical Report on Pre-paging  
(3GPP TR 23.908 version 4.0.0 Release 4)

TC ETSI

**TR 123908:2001 ( V3.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical Report on Pre-paging  
(3GPP TR 23.908 version 3.0.1 Release 1999)

(3GPP TR 23.908 version 3.0.1 Release 1999)

TC ETSI

**TR 123909:2001 ( V4.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical Report on the Gateway Location Register  
(3GPP TR 23.909 version 4.0.0 Release 4)

TC ETSI

**TR 123909:2001 ( V3.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical Report on the Gateway Location Register  
(3GPP TR 23.909 version 3.0.1 Release 1999)

TC ETSI

**TR 123910:2005 ( V4.9.1 )**

Universal Mobile Telecommunications System (UMTS); Circuit switched data bearer services  
(3GPP TR 23.910 version 4.9.1 Release 4)

TC ETSI

**TR 123911:2001 ( V4.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical Report on Out-of-band transcoder control  
(3GPP TR 23.911 version 4.0.0 Release 4)

TC ETSI

**TR 123911:2001 ( V3.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical Report on Out-of-band transcoder control  
(3GPP TR 23.911 version 3.0.1 Release 1999)

TC ETSI

**TR 123912:2001 ( V3.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical report on Super-Charger  
(3GPP TR 23.912 version 3.1.0 Release 1999)

TC ETSI

**TR 123912:2001 ( V4.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical report on Super-Charger  
(3GPP TR 23.912 version 4.1.0 Release 4)

TC ETSI

**TR 123923:2001 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); Combined GSM and Mobile IP mobility handling in UMTS IP CN  
(3GPP TR 23.923 version 3.0.0 Release 1999)

TC ETSI

**TR 123930:2000 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); Iu Principles  
(3G TR 23.930 version 3.0.0 Release 1999)

TC ETSI

**TR 125921:2004 ( V3.11.0 )**

Universal Mobile Telecommunications System (UMTS); Guidelines and principles for protocol description and error handling  
(3GPP TR 25.921 version 3.11.0 Release 1999)

TC ETSI

**TR 125921:2004 ( V4.8.0 )**

Universal Mobile Telecommunications System (UMTS); Guidelines and principles for protocol description and error handling  
(3GPP TR 25.921 version 4.8.0 Release 4)

TC ETSI

**TR 125921:2004 ( V5.5.0 )**

Universal Mobile Telecommunications System (UMTS); Guidelines and principles for protocol description and error handling (3GPP TR 25.921 version 5.5.0 Release 5)

TC ETSI

**TR 125922:2004 ( V4.8.0 )**

Universal Mobile Telecommunications System (UMTS); Guidelines and principles for protocol description and error handling (3GPP TR 25.921 version 4.8.0 Release 4)

TC ETSI

**TR 125925:2004 ( V3.5.0 )**

Universal Mobile Telecommunications System (UMTS); Radio Interface for Broadcast/Multicast Services (3GPP TR 25.925 version 3.5.0 Release 1999)

TC ETSI

**TR 125931:2006 ( V4.5.0 )**

Universal Mobile Telecommunications System (UMTS); UTRAN functions, examples on signalling procedures (3GPP TR 25.931 version 4.5.0 Release 4)

TC ETSI

**TR 125937:2001 ( V4.1.0 )**

Universal Mobile Telecommunications System (UMTS); Low chip rate TDD Iub/Iur protocol aspects (3GPP TR 25.937 version 4.1.0 Release 4)

TC ETSI

**TR 125941:2000 ( V3.1.0 )**

Universal Mobile Telecommunications System (UMTS); TSG RAN WG4 document structure (3G TS 25.941 version 3.1.0 Release 1999)

TC ETSI

**TR 125942:2002 ( V3.3.0 )**

Universal Mobile Telecommunications System (UMTS); RF system scenarios (3GPP TR 25.942 version 3.3.0 Release 1999)

TC ETSI

**TR 125942:2002 ( V4.2.0 )**

Universal Mobile Telecommunications System (UMTS); RF system scenarios (3GPP TR 25.942 version 4.2.0 Release 4)

TC ETSI

**TR 125942:2004 ( V5.3.0 )**

Universal Mobile Telecommunications System (UMTS); RF system scenarios (3GPP TR 25.942 version 5.3.0 Release 5)

TC ETSI

**TR 125942:2005 ( V6.4.0 )**

Universal Mobile Telecommunications System (UMTS); Radio Frequency (RF) system scenarios (3GPP TR 25.942 version 6.4.0 Release 6)

TC ETSI

**TR 125943:2002 ( V4.2.0 )**

Universal Mobile Telecommunications System (UMTS); Deployment aspects (3GPP TR 25.943 version 4.2.0 Release 4)

TC ETSI

**TR 125945:2007 ( V4.2.0 )**

Universal Mobile Telecommunications System (UMTS); RF requirements for low chip rate TDD option (3GPP TR 25.945 version 4.2.0 Release 4)

TC ETSI

**TR 125990:2000 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); Vocabulary (3G TR 25.990 version 3.0.0 Release 1999)

TC ETSI

**TR 126901:2001 ( V4.0.1 )**

Universal Mobile Telecommunications System (UMTS); AMR wideband speech codec; Feasibility study report (3GPP TR 26.901 version 4.0.1 Release 4)

TC ETSI

**TR 126911:2003 ( V3.4.0 )**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide (3GPP TR 26.911 version 3.4.0 Release 1999)

TC ETSI

**TR 126975:2001 ( V3.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Performance characterization of the Adaptive Multi-Rate (AMR) speech codec (3GPP TR 26.975 version 3.1.0 Release 1999)

TC ETSI

**TR 126975:2001 ( V4.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Performance characterization of the Adaptive Multi-Rate (AMR) speech codec (3GPP TR 26.975 version 4.1.0 Release 4)

TC ETSI

**TR 127901:2002 ( V3.1.0 )**

Universal Mobile Telecommunications System (UMTS); Report on Terminal Interfaces - An Overview (3GPP TR 27.901 version 3.1.0 Release 1999)

TC ETSI

**TR 127903:2000 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); Discussion of Synchronization Standards (3G TR 27.903 version 3.0.0 Release 1999)

TC ETSI

**TR 131900:2006 ( V3.3.0 )**

Universal Mobile Telecommunications System (UMTS); SIM/USIM internal and external interworking aspects (3GPP TR 31.900 version 3.3.0 Release 1999)

TC ETSI

**TR 133901:2000 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); 3G Security Criteria for cryptographic Algorithm design process (3G TR 33.901 version 3.0.0 Release 1999)

TC ETSI

**TR 133901:2001 ( V4.0.0 )**

Universal Mobile Telecommunications System (UMTS); 3G Security -Criteria for cryptographic Algorithm design process (3G TR 33.901 version 4.0.0 Release 4)

TC ETSI

**TR 133902:2000 ( V3.1.0 )**

Universal Mobile Telecommunications System (UMTS); Formal Analysis of the 3G Authentication Protocol

(3G TR 33.902 version 3.1.0 Release 1999)

TC ETSI

**TR 133902:2001 ( V4.0.0 )**

Universal Mobile Telecommunications System (UMTS); Formal Analysis of the 3G Authentication Protocol (3GPP TR 33.902 version 4.0.0 Release 4)

TC ETSI

**TR 133908:2001 ( V4.0.0 )**

Universal Mobile Telecommunications System (UMTS); Security Algorithms Group of Experts (SAGE); General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms (3GPP TR 33.908 version 4.0.0 Release 4)

TC ETSI

**TR 133909:2001 ( V4.0.1 )**

Universal Mobile Telecommunications System (UMTS); 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions (3GPP TR 33.909 version 4.0.1 Release 4)

TC ETSI

**TR 134907:2000 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); Report on electrical safety requirements and regulations (3G TR 34.907 version 3.0.0 Release 1999)

TC ETSI

**TR 134925:2000 ( V3.0.0 )**

Universal Mobile Telecommunications System (UMTS); Specific Absorption Rate (SAR) requirements and regulations in different regions (3G TR 34.925 version 3.0.0 Release 1999)

TC ETSI

**TR 145050:2001 ( V4.0.1 )**

Digital cellular telecommunications system (Phase 2+); Background for Radio Frequency (RF) requirements (3GPP TR 45.050 version 4.0.1 Release 4)

TC ETSI

**TR 146076:2001 ( V4.0.1 )**

Digital cellular telecommunications system (Phase 2+); Adaptive Multi-Rate (AMR) speech codec; Study phase report (3GPP TR 46.076 version 4.0.1 Release 4)

TC ETSI

**TS 100220-1:1999 ( V1.1.1 )**

ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM); Short Range Devices (SRDs); Measurement Specification for Wideband Transmitter Stability

TC ETSI

**TS 100500:1999 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.01 version 6.2.0 Release 1997)

TC ETSI

**TS 100500:1999 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.01 version 7.1.0 Release 1998)

TC ETSI

**TS 100500:2001 ( V8.2.1 )**

Digital cellular telecommunications system (Phase 2+); Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.01 version 8.2.1 Release 1999)

TC ETSI

**TS 100508:2000 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); International Mobile station Equipment Identities (IMEI) (GSM 02.16 version 6.2.0 Release 1997)

TC ETSI

**TS 100508:2000 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); International Mobile station Equipment Identities (IMEI) (GSM 02.16 version 6.2.0 Release 1997)

TC ETSI

**TS 100512:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Procedures for call progress indications (GSM 02.40 version 6.0.0 release 1997)

TC ETSI

**TS 100512:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Procedure for call progress indications (GSM 02.40 version 7.0.1 Release 1998)

TC ETSI

**TS 100513:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Operator Determined Barring (ODB) (GSM 02.41 version 6.0.0 Release 1997)

TC ETSI

**TS 100513:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Operator Determined Barring (ODB) (GSM 02.41 version 7.0.0 Release 1998)

TC ETSI

**TS 100514:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Line identification Supplementary Services - Stage 1 (GSM 02.81 version 6.0.0 Release 1997)

TC ETSI

**TS 100514:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Line identification Supplementary Services - Stage 1 (GSM 02.81 version 7.0.0 Release 1998)

TC ETSI

**TS 100515:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call Forwarding (CF) Supplementary Services - Stage 1 (GSM 02.82 version 6.0.0 Release 1997)

TC ETSI

**TS 100515:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call Forwarding (CF) Supplementary Services - Stage 1 (GSM 02.82 version 7.0.1 Release 1998)

TC ETSI

**TS 100516:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call Waiting (CW) and Call Holding (HOLD); Supplementary Services - Stage 1 (GSM 02.83 version 6.0.0 Release 1997)

TC ETSI

**TS 100516:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call Waiting (CW) and Call Holding (HOLD); Supplementary Services - Stage 1

(GSM 02.83 version 7.0.0 Release 1998)

TC ETSI

**TS 100517:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
MultiParty (MPTY) Supplementary Services - Stage 1  
(GSM 02.84 version 6.0.0 Release 1997)

TC ETSI

**TS 100517:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
MultiParty (MPTY) Supplementary Services - Stage 1  
(GSM 02.84 version 7.0.0 Release 1998)

TC ETSI

**TS 100518:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Closed User Group (CUG) Supplementary Services - Stage 1  
(GSM 02.85 version 6.0.0 Release 1997)

TC ETSI

**TS 100518:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Closed User Group (CUG) Supplementary Services - Stage 1  
(GSM 02.85 version 7.0.0 Release 1998)

TC ETSI

**TS 100519:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Advice of Charge (AoC) Supplementary Services - Stage 1  
(GSM 02.86 version 6.0.0 Release 1997)

TC ETSI

**TS 100519:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Advice of Charge (AoC) Supplementary Services - Stage 1  
(GSM 02.86 version 7.0.0 Release 1998)

TC ETSI

**TS 100520:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call  
Barring (CB) Supplementary Services - Stage 1  
(GSM 02.88 version 6.0.0 Release 1997)

TC ETSI

**TS 100520:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call  
Barring (CB) Supplementary Services - Stage 1  
(GSM 02.88 version 7.0.0 Release 1998)

TC ETSI

**TS 100521:1999 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Network functions  
(GSM 03.01 version 6.1.0 Release 1997)

TC ETSI

**TS 100521:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Network functions  
(GSM 03.01 version 7.0.0 Release 1998)

TC ETSI

**TS 100522:1998 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Network architecture  
(GSM 03.02 version 6.1.0 - Release 1997)

TC ETSI

**TS 100522:2000 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Network architecture  
(GSM 03.02 version 7.1.0 Release 1998)

TC ETSI

**TS 100524:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Signalling requirements relating to routing of calls to mobile  
subscribers  
(GSM 03.04 version 6.0.0 Release 1997)

TC ETSI

**TS 100525:1999 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Restoration procedures  
(GSM 03.07 version 6.2.0 Release 1997)

TC ETSI

**TS 100525:2000 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Restoration procedures  
(GSM 03.07 version 7.1.0 Release 1998)

TC ETSI

**TS 100526:2003 ( V6.6.0 )**

Digital cellular telecommunications system (Phase 2+);  
Organization of Subscriber Data  
(3GPP TS 03.08 version 6.6.0 Release 1997)

TC ETSI

**TS 100526:2003 ( V7.5.0 )**

Digital cellular telecommunications system (Phase 2+);  
Organization of Subscriber Data  
(3GPP TS 03.08 version 7.5.0 Release 1998)

TC ETSI

**TS 100527:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Handover procedures  
(GSM 03.09 version 6.0.0 Release 1997)

TC ETSI

**TS 100527:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Handover procedures  
(GSM 03.09 version 7.0.0 Release 1998)

TC ETSI

**TS 100528:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
GSM Public Land Mobile Network (PLMN) connection types  
(GSM 03.10 version 6.0.0 Release 1997)

TC ETSI

**TS 100528:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
GSM Public Land Mobile Network (PLMN) connection types  
(GSM 03.10 version 7.0.1 Release 1998)

TC ETSI

**TS 100530:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);

Location registration procedures  
(GSM 03.12 version 6.0.0 Release 1997)

TC ETSI  
**TS 100530:1999 ( V7.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Location registration procedures  
(GSM 03.12 version 7.0.0 Release 1998)

TC ETSI  
**TS 100531:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Discontinuous Reception (DRX) in the GSM system  
(GSM 03.13 version 6.0.0 Release 1997)

TC ETSI  
**TS 100532:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Support of Dual Tone Multi-Frequency signalling (DTMF) via the  
GSM system  
(GSM 03.14 version 6.0.0 Release 1997)

TC ETSI  
**TS 100532:1999 ( V7.0.1 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Support of Dual Tone Multi-Frequency signalling (DTMF) via the  
GSM system  
(GSM 03.14 version 7.0.1 Release 1998)

TC ETSI  
**TS 100533:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Technical realization of Operator Determined Barring (ODB)  
(GSM 03.15 version 6.1.0 Release 1997)

TC ETSI  
**TS 100533:1999 ( V6.1.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Technical realization of Operator Determined Barring (ODB)  
(GSM 03.15 version 6.1.0 Release 1997)

TC ETSI  
**TS 100533:1999 ( V7.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Technical realization of Operator Determined Barring (ODB)  
(GSM 03.15 version 7.0.0 Release 1998)

TC ETSI  
**TS 100539:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Technical realization of facsimile group 3 non-transparent  
(GSM 03.46 version 6.0.0 Release 1997)

TC ETSI  
**TS 100539:1999 ( V7.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Technical realization of facsimile group 3 non-transparent  
(GSM 03.46 version 7.0.0 Release 1998)

TC ETSI  
**TS 100539:2001 ( V8.0.1 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Technical realization of facsimile group 3 non-transparent

(GSM 03.46 version 7.0.0 Release 1998)

TC ETSI  
**TS 100541:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Routing of calls to/from Public Data Networks (PDN) and the  
GSM Public Land Mobile Network (PLMN)  
(GSM 03.70 version 6.0.0 Release 1997)

TC ETSI  
**TS 100541:1999 ( V7.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Routing of calls to/from Public Data Networks (PDN) and the  
GSM Public Land Mobile Network (PLMN)  
(GSM 03.70 version 7.0.0 Release 1998)

TC ETSI  
**TS 100542:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM); Line  
identification supplementary services; Stage 2  
(GSM 03.81 version 6.0.0 Release 1997)

TC ETSI  
**TS 100542:1999 ( V7.0.1 )**  
Digital cellular telecommunications system (Phase 2+) (GSM); Line  
identification supplementary services; Stage 2  
(GSM 03.81 version 7.0.1 Release 1998)

TC ETSI  
**TS 100543:1999 ( V6.1.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM); Call  
Forwarding (CF) supplementary services; Stage 2  
(GSM 03.82 version 6.1.0 Release 1997)

TC ETSI  
**TS 100543:1999 ( V7.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM); Call  
Forwarding (CF) supplementary services; Stage 2  
(GSM 03.82 version 7.0.0 Release 1998)

TC ETSI  
**TS 100544:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Call Waiting (CW) and Call Hold (HOLD) supplementary services;  
Stage 2  
(GSM 03.83 version 6.0.0 Release 1997)

TC ETSI  
**TS 100544:1999 ( V7.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Call Waiting (CW) and Call Hold (HOLD) supplementary services;  
Stage 2  
(GSM 03.83 version 7.0.0 Release 1998)

TC ETSI  
**TS 100545:1999 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Multi Party (MPTY) supplementary services; Stage 2  
(GSM 03.84 version 6.0.0 Release 1997)

TC ETSI  
**TS 100545:1999 ( V7.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Multi Party (MPTY) supplementary services; Stage 2

(GSM 03.84 version 7.0.0 Release 1998)

TC ETSI

**TS 100546:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Closed User Group (CUG) supplementary services - Stage 2  
(GSM 03.85 version 6.0.0 Release 1997)

TC ETSI

**TS 100546:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Closed User Group (CUG) supplementary services - Stage 2  
(GSM 03.85 version 7.0.0 Release 1998)

TC ETSI

**TS 100548:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call  
Barring (CB) supplementary services - Stage 2  
(GSM 03.88 version 6.0.0 Release 1997)

TC ETSI

**TS 100548:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call  
Barring (CB) supplementary services - Stage 2  
(GSM 03.88 version 7.0.0 Release 1998)

TC ETSI

**TS 100549:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Unstructured Supplementary Service Data (USSD) - Stage  
(GSM 03.90 version 6.0.0 release 1997)

TC ETSI

**TS 100549:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Unstructured Supplementary Service Data (USSD) - Stage 2  
(GSM 03.90 version 7.0.0 release 1998)

TC ETSI

**TS 100550:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile Station - Base Station System (MS - BSS) interface; General  
aspects and principles  
(GSM 04.01 version 6.0.0 Release 1997)

TC ETSI

**TS 100550:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile Station - Base Station System (MS - BSS) interface; General  
aspects and principles  
(GSM 04.01 version 7.0.0 Release 1998)

TC ETSI

**TS 100551:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
GSM Public Land Mobile Network (PLMN) access reference  
configuration  
(GSM 04.02 version 6.0.0 Release 1997)

TC ETSI

**TS 100551:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
GSM Public Land Mobile Network (PLMN) access reference  
configuration  
(GSM 04.02 version 7.0.0 Release 1998)

TC ETSI

**TS 100552:1998 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile Station - Base Station System (MS - BSS) interface; Channel  
structures and access capabilities  
(GSM 04.03 version 6.0.0 Release 1997)

TC ETSI

**TS 100552:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile Station - Base Station System (MS - BSS) interface; Channel  
structures and access capabilities  
(GSM 04.03 version 7.0.0 Release 1998)

TC ETSI

**TS 100552:2002 ( V8.0.2 )**

Digital cellular telecommunications system (Phase 2+); Mobile  
Station - Base Station System (MS - BSS) Interface Channel  
Structures and Access Capabilities  
(3GPP TS 04.03 version 8.0.2 Release 1999)

TC ETSI

**TS 100569:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Closed User Group (CUG) supplementary services; Stage 3  
(GSM 04.85 version 6.0.0 Release 1997)

TC ETSI

**TS 100569:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Closed User Group (CUG) supplementary services; Stage 3  
(GSM 04.85 version 7.0.0 Release 1998)

TC ETSI

**TS 100573:1998 ( V6.1.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Physical layer on the radio path; General description  
(GSM 05.01 version 6.1.1 Release 1997)

TC ETSI

**TS 100573:2001 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+); Physical  
layer on the radio path; General description (3GPP TS 05.01 version  
7.2.0 Release 1998)

TC ETSI

**TS 100573:2004 ( V8.9.0 )**

Digital cellular telecommunications system (Phase 2+); Physical  
Layer on the Radio Path (General Description) (3GPP TS 05.01  
version 8.9.0 Release 1999)

TC ETSI

**TS 100574:2001 ( V4.11.0 )**

Digital cellular telecommunications system (Phase 2);  
Multiplexing and Multiple Access on the Radio Path (3GPP TS  
05.02 version 4.11.0 GSM Phase 2)

TC ETSI

**TS 100580-2:2001 ( V4.3.0 )**

Digital cellular telecommunications system (Phase 2); Full rate  
speech  
Part 2: Transcoding  
(GSM 06.10 version 4.3.0 GSM Phase 2)

TC ETSI

**TS 100585:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)  
(GSM 07.05 version 6.0.0 Release 1997)

TC ETSI

**TS 100585:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)  
(GSM 07.05 version 7.0.1 Release 1998)

TC ETSI

**TS 100587:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects  
(GSM 08.01 version 6.0.0 Release 1997)

TC ETSI

**TS 100587:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects  
(GSM 08.01 version 7.0.0 Release 1998)

TC ETSI

**TS 100588:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification  
(GSM 08.04 version 6.0.0 Release 1997)

TC ETSI

**TS 100588:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface Layer 1 specification  
(GSM 08.04 version 7.0.1 Release 1998)

TC ETSI

**TS 100589:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Signalling transport mechanism specification for the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface  
(GSM 08.06 version 6.0.0 Release 1997)

TC ETSI

**TS 100589:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Signalling transport mechanism specification for the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface  
(GSM 08.06 version 7.0.1 Release 1998)

TC ETSI

**TS 100590:2000 ( V6.5.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Mobile-services Switching Centre - Base Station System (MSC - BSS) interface; Layer 3 specification  
(GSM 08.08 version 6.5.0 Release 1997)

TC ETSI

**TS 100590:2002 ( Ed. 7.7.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification  
(3GPP TS 08.08 version 7.7.0 Release 1998)

TC ETSI

**TS 100590:2003 ( V8.15.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile-services Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification  
(3GPP TS 08.08 version 8.15.0 Release 1999)

TC ETSI

**TS 100591:2001 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+); Rate adaption on the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface  
(3GPP TS 08.20 version 6.1.0 Release 1997)

TC ETSI

**TS 100591:2001 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+); Rate adaption on the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface  
(GSM 08.20 version 7.1.0 Release 1998)

TC ETSI

**TS 100592:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; General aspects  
(GSM 08.51 version 7.0.0 Release 1998)

TC ETSI

**TS 100592:2002 ( V8.0.1 )**

Digital cellular telecommunications system (Phase 2+); Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects  
(3GPP TS 08.51 version 8.0.1 Release 1999)

TC ETSI

**TS 100593:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Interface principles  
(GSM 08.52 version 7.0.0 Release 1998)

TC ETSI

**TS 100593:2002 ( V8.0.1 )**

Digital cellular telecommunications system (Phase 2+); Base Station Controller - Base Transceiver Station (BSC-BTS) interface; Interface principles  
(3GPP TS 08.52 version 8.0.1 Release 1999)

TC ETSI

**TS 100594:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits  
(GSM 08.54 version 7.0.0 Release 1998)

TC ETSI

**TS 100594:2002 ( V8.0.1 )**

Digital cellular telecommunications system (Phase 2+); BSC-BTS Layer 1; Structure of Physical Circuits

(3GPP TS 08.54 version 8.0.1 Release 1999)

TC ETSI

**TS 100595:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification  
(GSM 08.56 version 7.0.0 Release 1998)

TC ETSI

**TS 100595:2002 ( V8.0.1 )**

Digital cellular telecommunications system (Phase 2+); BSC-BTS Layer 2; Specification  
(3GPP TS 08.56 version 8.0.1 Release 1999)

TC ETSI

**TS 100596:1999 ( V6.3.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 3 specification  
(GSM 08.58 version 6.3.0 Release 1997)

TC ETSI

**TS 100596:2000 ( V7.4.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 3 specification  
(GSM 08.58 version 7.4.1 Release 1998)

TC ETSI

**TS 100596:2000 ( V8.6.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 3 specification  
(3GPP TS 08.58 version 8.6.0 Release 1999)

TC ETSI

**TS 100600:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Signalling requirements on interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)  
(GSM 09.03 version 6.0.0 Release 1997)

TC ETSI

**TS 100600:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Signalling requirements on interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN)  
(GSM 09.03 version 7.0.0 Release 1998)

TC ETSI

**TS 100601:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)  
(GSM 09.04 version 6.0.0 Release 1997)

TC ETSI

**TS 100601:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)  
(GSM 09.04 version 7.0.0 Release 1998)

TC ETSI

**TS 100602:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access  
(GSM 09.05 version 6.0.0 Release 1997)

TC ETSI

**TS 100602:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access  
(GSM 09.05 version 7.0.0 Release 1998)

TC ETSI

**TS 100605:2001 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+); Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling procedures and the Mobile Application Part (MAP)  
(3GPP TS 09.10 version 7.2.0 Release 1998)

TC ETSI

**TS 100605:2001 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+); Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling procedures and the Mobile Application Part (MAP)  
(3GPP TS 09.10 version 6.2.0 Release 1997)

TC ETSI

**TS 100606:1996 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Signalling interworking for supplementary services (GSM 09.11 version 6.0.0 Release 1997)

TC ETSI

**TS 100606:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Signalling interworking for supplementary services (GSM 09.11 version 7.0.1 Release 1998)

TC ETSI

**TS 100607-1:2001 ( V7.3.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification Part 1: Conformance specification  
(3GPP 11.10-1 version 7.3.0 Release 1998)

TC ETSI

**TS 100607-1:2001 ( V8.3.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification Part 1: Conformance specification  
(3GPP 11.10-1 version 8.3.0 Release 1999)

TC ETSI

**TS 100607-1:2001 ( V6.4.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification Part 1: Conformance specification  
(3GPP 11.10-1 version 6.4.0 Release 1997)



TC ETSI

**TS 100607-1:2001 ( V4.29.0 )**

Digital cellular telecommunications system (Phase 2); Mobile Station (MS) conformance specification Part 1: Conformance specification  
(3GPP TS 11.10-1 version 4.29.0 GSM Phase 2)

TC ETSI

**TS 100607-1:2002 ( V5.12.2 )**

Digital cellular telecommunications system (Phase 2+); Mobile station (MS) conformance specification Part 1: Conformance specification  
(3GPP TS 11.10-1 version 5.12.2 Release 1996)

TC ETSI

**TS 100607-2:2001 ( V4.16.0 )**

Digital cellular telecommunications system (Phase 2); Mobile Station (MS) conformance specification  
Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification  
(3GPP TS 11.10-2 version 4.16.0 GSM Phase 2)

TC ETSI

**TS 100607-3:2001 ( V4.34.0 )**

Digital cellular telecommunications system (Phase 2); Mobile Station (MS) conformance specification Part 3: Layer 3 (L3) Abstract Test Suite (ATS)  
(3GPP TS 11.10-3 version 4.34.0 GSM Phase 2)

TC ETSI

**TS 100607-3:2001 ( V5.1.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification Part 3: Layer 3 (L3) Abstract Test Suites (AT)  
(3GPP TS 11.10-3 version 5.1.0 Release 1996)

TC ETSI

**TS 100607-4:2003 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification  
(3GPP TS 11.10-4 version 6.0.0 Release 1997)

TC ETSI

**TS 100607-4:2003 ( V5.6.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification  
(3GPP TS 11.10-4 version 5.6.0 Release 1996)

TC ETSI

**TS 100613:1998 ( V5.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Subscriber, Mobile Equipment (ME) and services data administration  
(GSM 12.02 version 5.0.1 Release 1996)

TC ETSI

**TS 100614:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Security management  
(GSM 12.03 version 7.0.1 Release 1998)

TC ETSI

**TS 100615:2000 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Performance data measurements  
(GSM 12.04 version 7.0.0 Release 1998)

TC ETSI

**TS 100616:1998 ( V5.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Event and call data  
(GSM 12.05 version 5.0.1 Release 1996)

TC ETSI

**TS 100616:1999 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Event and call data  
(GSM 12.05 version 6.1.0 Release 1997)

TC ETSI

**TS 100616:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Event and call data  
(GSM 12.05 version 7.0.1 Release 1998)

TC ETSI

**TS 100625:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Unstructured Supplementary Service Data (USSD) - Stage 1  
(GSM 02.90 version 6.0.0 Release 1997)

TC ETSI

**TS 100625:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Unstructured Supplementary Service Data (USSD) - Stage 1  
(GSM 02.90 version 7.0.0 Release 1998)

TC ETSI

**TS 100626:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Application of the Base Station System Application Part (BSSAP) on the E-interface  
(GSM 09.08 version 6.0.0 Release 1997)

TC ETSI

**TS 100626:1999 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Application of the Base Station System Application Part (BSSAP) on the E-interface  
(GSM 09.08 version 7.2.0 Release 1998)

TC ETSI

**TS 100626:2003 ( V8.2.0 )**

Digital cellular telecommunications system (Phase 2+); Application of the Base Station System Application Part (BSSAP) on the E-Interface  
(3GPP TS 09.08 version 8.2.0 Release 1999)

TC ETSI

**TS 100627:2001 ( V4.6.1 )**

Digital cellular telecommunications system (Phase 2); Subscriber and equipment trace  
(GSM 12.08 version 4.6.1)

TC ETSI

**TS 100629:2002 ( V6.5.0 )**

Digital cellular telecommunications system (Phase 2+); Subscriber Data Management  
(3GPP TS 03.16 version 6.5.0 Release 1997)

TC ETSI

**TS 100629:2004 ( V7.7.0 )**

Digital cellular telecommunications system (Phase 2+);  
Subscriber Data Management  
(3GPP TS 03.16 version 7.7.0 Release 1998)

TC ETSI

**TS 100659-3:2001 ( V1.1.1 )**

Access and Terminals (AT); Analogue access to the Public Switched  
Telephone Network (PSTN); Subscriber line protocol over the local  
loop for display (and related) services Part 3: Data link message  
and parameter codings (corrections needed to EN 300 659-3 V1.3.1)

TC ETSI

**TS 100737:2002 ( V7.3.0 )**

Digital cellular telecommunications system (Phase 2+); In-band  
control of remote transcoders and rate adaptors for Enhanced Full  
Rate (EFR) and full rate traffic channels  
(3GPP TS 08.60 version 7.3.0 Release 1998)

TC ETSI

**TS 100737:2003 ( V8.2.1 )**

Digital cellular telecommunications system (Phase 2+); In-band  
control of remote transcoders and rate adaptors for Enhanced Full  
Rate (EFR) and full rate traffic channels  
(3GPP TS 08.60 version 8.2.1 Release 1999)

TC ETSI

**TS 100900:1998 ( V6.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Alphabets and language-specific information (GSM 03.38 version  
6.0.1 Release 1997)

TC ETSI

**TS 100900:1999 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Alphabets and language-specific information (GSM 03.38 version  
7.2.0 Release 1998)

TC ETSI

**TS 100901:2001 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+); Technical  
realization of the Short Message Service (SMS) Point-to-Point (PP)  
(3GPP TS 03.40 version 6.2.0 Release 1997)

TC ETSI

**TS 100901:2001 ( V7.5.0 )**

Digital cellular telecommunications system (Phase 2+); Technical  
realization of the Short Message Service (SMS) Point-to-Point (PP)  
(3GPP TS 03.40 version 7.5.0 Release 1998)

TC ETSI

**TS 100902:1998 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Technical realization of Short Message Service Cell Broadcast  
(SMSCB) (GSM 03.41 version 6.1.0 Release 1997)

TC ETSI

**TS 100902:2002 ( V7.4.0 )**

Digital cellular telecommunications system (Phase 2+); Technical  
Realization of Short Message Service Cell Broadcast (SMSCB)  
(3GPP TS 03.41 version 7.4.0 Release 1998)

TC ETSI

**TS 100905:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Teleservices supported by a GSM Public Land Mobile Network

(PLMN)

(GSM 02.03 version 6.0.0 Release 1997)

TC ETSI

**TS 100905:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Teleservices supported by a GSM Public Land Mobile Network  
(PLMN)  
(GSM 02.03 version 7.0.0 Release 1998)

TC ETSI

**TS 100906:2000 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile Stations (MS) features  
(GSM 02.07 version 6.2.0 Release 1997)

TC ETSI

**TS 100906:2000 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile Stations (MS) features  
(GSM 02.07 version 7.1.0 Release 1998)

TC ETSI

**TS 100907:1999 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Man-Machine Interface (MMI) of the Mobile Station (MS)  
(GSM 02.30 version 6.1.0 Release 1997)

TC ETSI

**TS 100907:2002 ( V7.1.1 )**

Digital cellular telecommunications system (Phase 2+);  
Man-machine Interface (MMI) of the Mobile Station (MS) (3GPP TS  
02.30 version 7.1.1 Release 1998)

TC ETSI

**TS 100908:2001 ( V6.10.0 )**

Digital cellular telecommunications system (Phase 2+);  
Multiplexing and multiple access on the radio path (3GPP TS 05.02  
version 6.10.0 Release 1997)

TC ETSI

**TS 100908:2001 ( V5.10.0 )**

Digital cellular telecommunications system (Phase 2+);  
Multiplexing and multiple access on the radio path (3GPP TS 05.02  
version 5.10.0 Release 1996)

TC ETSI

**TS 100908:2001 ( V7.7.0 )**

Digital cellular telecommunications system (Phase 2+);  
Multiplexing and multiple access on the radio path (3GPP TS 05.02  
version 7.7.0 Release 1998)

TC ETSI

**TS 100908:2003 ( V8.11.0 )**

Digital cellular telecommunications system (Phase 2+);  
Multiplexing and multiple access on the radio path (3GPP TS 05.02  
version 7.7.0 Release 1998)

TC ETSI

**TS 100909:1998 ( V6.1.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Channel coding (GSM 05.03 version 6.1.1 Release 1997)

TC ETSI

**TS 100909:2005 ( V8.9.0 )**

Digital cellular telecommunications system (Phase 2+); Channel coding  
(3GPP TS 05.03 version 8.9.0 Release 1999)

TC ETSI

**TS 100910:2000 ( V5.13.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Radio transmission and reception  
(3GPP TS 05.05 version 5.13.0 Release 1996)

TC ETSI

**TS 100910:2002 ( V6.8.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
Transmission and Reception  
(3GPP TS 05.05 version 6.8.0 Release 1997)

TC ETSI

**TS 100910:2002 ( V795.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
Transmission and Reception  
(3GPP TS 05.05 version 7.9.0 Release 1998)

TC ETSI

**TS 100910:2005 ( V8.20.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
Transmission and Reception  
(3GPP TS 05.05 version 8.20.0 Release 1999)

TC ETSI

**TS 100911:2001 ( V6.9.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
subsystem link control  
(3GPP TS 05.08 version 6.9.0 Release 1997)

TC ETSI

**TS 100911:2001 ( V7.9.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
subsystem link control  
(3GPP TS 05.08 version 7.7.0 Release 1998)

TC ETSI

**TS 100911:2002 ( V5.10.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
Subsystem Link Control  
(3GPP TS 05.08 version 5.10.0 Release 1996)

TC ETSI

**TS 100911:2005 ( V8.23.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
subsystem link control  
(3GPP TS 05.08 version 8.23.0 Release 1999)

TC ETSI

**TS 100912:2000 ( V7.4.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Radio subsystem synchronization  
(3GPP TS 05.10 version 7.4.0 Release 1998)

TC ETSI

**TS 100912:2000 ( V6.7.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Radio subsystem synchronization  
(3GPP TS 05.10 version 6.7.0 Release 1997)

TC ETSI

**TS 100912:2003 ( V8.12.0 )**

Digital cellular telecommunications system (Phase 2+); Radio  
subsystem synchronization  
(3GPP TS 05.10 version 8.12.0 Release 1999)

TC ETSI

**TS 100913:1999 ( V7.1.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
General on Terminal Adaptation Functions (TAF) for Mobile  
Stations  
(MS) (GSM 07.01 version 7.1.1 Release 1998)

TC ETSI

**TS 100913:1999 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
General on Terminal Adaptation Functions (TAF) for Mobile  
Stations  
(MS) (GSM 07.01 version 6.1.0 Release 1997)

TC ETSI

**TS 100914:1998 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Terminal Adaptation Functions (TAF) for services using  
asynchronous bearer capabilities  
(GSM 07.02 version 6.0.0 Release 1997)

TC ETSI

**TS 100914:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Terminal Adaptation Functions (TAF) for services using  
asynchronous bearer capabilities  
(GSM 07.02 version 7.0.1 Release 1998)

TC ETSI

**TS 100915:1998 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Terminal Adaptation Functions (TAF) for services using  
synchronous  
bearer capabilities  
(GSM 07.03 version 6.0.0 Release 1997)

TC ETSI

**TS 100915:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Terminal Adaptation Functions (TAF) for services using  
synchronous  
bearer capabilities  
(GSM 07.03 version 7.0.0 Release 1998)

TC ETSI

**TS 100916:2001 ( V6.5.0 )**

Digital cellular telecommunications system (Phase 2+); AT  
command set for GSM Mobile Equipment (ME) (3GPP TS 07.07  
version 6.5.0 Release 1997)

TC ETSI

**TS 100916:2003 ( V7.8.0 )**

Digital cellular telecommunications system (Phase 2+); AT  
Command set for GSM Mobile Equipment (ME) (3GPP TS 07.07  
version 7.8.0 Release 1998)

TC ETSI

**TS 100918:1999 ( V6.1.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
General on supplementary services

(GSM 02.04 version 6.1.1 Release 1997)

TC ETSI  
**TS 100921:2001 ( V6.1.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Service accessibility  
(3GPP TS 02.11 version 6.1.0 Release 1997)

TC ETSI  
**TS 100921:2001 ( V7.1.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Service accessibility  
(3GPP TS 02.11 version 7.1.0 Release 1998)

TC ETSI  
**TS 100922:1998 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Subscriber Identity Modules (SIM); Functional characteristics  
(GSM 02.17 version 6.0.0 Release 1997)

TC ETSI  
**TS 100922:1999 ( V7.1.1 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Subscriber Identity Modules (SIM); Functional characteristics  
(GSM 02.17 version 7.1.1 Release 1998)

TC ETSI  
**TS 100927:2003 ( V5.5.0 )**  
Digital cellular telecommunications system (Phase 2+); Numbering,  
addressing and identification  
(3GPP TS 03.03 version 5.5.0 Release 1996)

TC ETSI  
**TS 100927:2003 ( V6.8.0 )**  
Digital cellular telecommunications system (Phase 2+); Numbering,  
addressing and identification  
(3GPP TS 03.03 version 6.8.0 Release 1997)

TC ETSI  
**TS 100927:2003 ( V7.8.0 )**  
Digital cellular telecommunications system (Phase 2+); Numbering,  
addressing and identification  
(3GPP TS 03.03 version 7.8.0 Release 1998)

TC ETSI  
**TS 100929:1999 ( V6.1.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Security related network functions  
(GSM 03.20 version 6.1.0 Release 1997)

TC ETSI  
**TS 100929:1999 ( V7.2.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Security related network functions  
(GSM 03.20 version 7.2.0 Release 1998)

TC ETSI  
**TS 100929:2008 ( V8.6.0 )**  
Digital cellular telecommunications system (Phase 2+);  
Security-related network functions  
(3GPP TS 03.20 version 8.6.0 Release 1999)

TC ETSI  
**TS 100930:2001 ( V6.3.0 )**  
Digital cellular telecommunications system (Phase 2+); Functions  
related to Mobile Station (MS) in idle mode and group receive mode

(3GPP TS 03.22 version 6.3.0 Release 1997)

TC ETSI  
**TS 100930:2001 ( V7.4.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Functions related to Mobile Station (MS) in idle mode and group  
receive mode  
(3GPP TS 03.22 version 7.4.0 Release 1998)

TC ETSI  
**TS 100930:2002 ( V8.7.0 )**  
Digital cellular telecommunications system (Phase 2+); Functions  
related to Mobile Station (MS) in idle mode and group receive mode  
  
(3GPP TS 03.22 version 8.7.0 Release 1999)

TC ETSI  
**TS 100931:2001 ( V8.0.1 )**  
Digital cellular telecommunications system (Phase 2+); Technical  
realization of facsimile group 3 transparent (GSM 03.45 version  
8.0.1 Release 1999)

TC ETSI  
**TS 100932:2000 ( V7.2.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
enhanced Multi-Level Precedence and Pre-emption service (eMLPP);  
Stage 2  
(3GPP TS 03.67 version 7.2.0 Release 1998)

TC ETSI  
**TS 100932:2002 ( V6.1.0 )**  
Digital cellular telecommunications system (Phase 2+); Enhanced  
Multi-Level Precedence and Preemption Service (EMLPP); Stage 2  
(3GPP TS 03.67 version 6.1.0 Release 1997)

TC ETSI  
**TS 100933:2003 ( V6.4.0 )**  
Digital cellular telecommunications system (Phase 2+); Voice  
Group Call Service (VGCS); Stage 2  
(3GPP TS 03.68 version 6.4.0 Release 1997)

TC ETSI  
**TS 100933:2003 ( V7.3.0 )**  
Digital cellular telecommunications system (Phase 2+); Voice  
Group Call Service (VGCS); Stage 2  
(3GPP TS 03.68 version 7.3.0 Release 1998)

TC ETSI  
**TS 100934:2003 ( V6.4.0 )**  
Digital cellular telecommunications system (Phase 2+); Voice  
Broadcast service (VBS); Stage 2  
(3GPP TS 03.69 version 6.4.0 Release 1997)

TC ETSI  
**TS 100934:2003 ( V7.3.0 )**  
Digital cellular telecommunications system (Phase 2+); Voice  
Broadcast service (VBS); Stage 2  
(3GPP TS 03.69 version 7.3.0 Release 1998)

TC ETSI  
**TS 100936:1998 ( V6.0.0 )**  
Digital cellular telecommunications system (Phase 2+) (GSM);  
Layer 1; General requirements  
(GSM 04.04 version 6.0.0 Release 1997)

TC ETSI

**TS 100936:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Layer 1; General requirements  
(GSM 04.04 version 7.0.0 Release 1998)

TC ETSI

**TS 100936:2002 ( V8.1.2 )**

Digital cellular telecommunications system (Phase 2+); Layer 1 -  
General Requirements  
(3GPP TS 04.04 version 8.1.2 Release 1999)

TC ETSI

**TS 100938:2009 ( V8.4.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile  
Station - Base Stations System (MS - BSS) Interface Data Link (DL)  
Layer Specification  
(3GPP TS 04.06 version 8.4.0 Release 1999)

TC ETSI

**TS 100939:1999 ( V6.5.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile radio interface signalling layer 3; General aspects  
(GSM 04.07 version 6.5.1 Release 1997)

TC ETSI

**TS 100939:1999 ( V7.3.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Mobile  
radio interface signalling layer 3; General aspects  
(GSM 04.07 version 7.3.0 Release 1998)

TC ETSI

**TS 100940:2003 ( V5.20.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile radio  
interface layer 3 specification  
(3GPP TS 04.08 version 5.20.0 Release 1996)

TC ETSI

**TS 100940:2003 ( V6.21.1 )**

Digital cellular telecommunications system (Phase 2+); Mobile radio  
interface layer 3 specification  
(3GPP TS 04.08 version 6.21.1 Release 1997)

TC ETSI

**TS 100940:2003 ( V7.21.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile radio  
interface layer 3 specification  
(3GPP TS 04.08 version 7.21.0 Release 1998)

TC ETSI

**TS 100941:1998 ( V6.0.1 )**

Digital cellular telecommunications system; Mobile radio interface  
layer 3; Supplementary services specification; General aspects  
(GSM 04.10 version 6.0.1 Release 1997)

TC ETSI

**TS 100942:2002 ( V6.1.0 )**

Digital cellular telecommunications system (Phase 2+);  
Point-to-Point (PP) Short Message Service (SMS) Support on Mobile  
Radio Interface  
(3GPP TS 04.11 version 6.1.0 Release 1997)

TC ETSI

**TS 100942:2002 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+);

Point-to-Point (PP) Short Message Service (SMS) Support on  
Mobile Radio Interface  
(3GPP TS 04.11 version 7.1.0 Release 1998)

TC ETSI

**TS 100943:2001 ( V8.0.0 )**

Digital cellular telecommunications system (Phase 2+); Short  
Message Service Cell Broadcast (SMSCB) Support on the Mobile  
Radio Interface  
(3GPP TS 04.12 version 8.0.0 Release 1999)

TC ETSI

**TS 100946:2000 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Radio Link Protocol (RLP) for data and telematic services on the  
Mobile Station - Base Station System (MS - BSS) interface and the  
Base Station System - Mobile-services Switching Centre (BSS -  
MSC) interface  
(GSM 04.22 version 6.2.0 Release 1997)

TC ETSI

**TS 100946:2000 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Radio Link Protocol (RLP) for data and telematic services on the  
Mobile Station - Base Station System (MS - BSS) interface and the  
Base Station System - Mobile-services Switching Centre (BSS -  
MSC) interface  
(GSM 04.22 version 7.1.0 Release 1998)

TC ETSI

**TS 100948:2000 ( V6.3.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Group Call Control (GCC) protocol  
(GSM 04.68 version 6.3.0 Release 1997)

TC ETSI

**TS 100948:2000 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Group Call Control (GCC) protocol  
(GSM 04.68 version 7.2.0 Release 1998)

TC ETSI

**TS 100948:2000 ( V8.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Group Call Control (GCC) protocol  
(GSM 04.68 version 8.1.0 Release 1999)

TC ETSI

**TS 100950:2003 ( V6.1.2 )**

Digital cellular telecommunications system (Phase 2+); Mobile  
Radio Interface Layer 3 - Supplementary services specification  
formats and coding  
(3GPP TS 04.80 version 6.1.2 Release 1997)

TC ETSI

**TS 100950:2003 ( V7.4.1 )**

Digital cellular telecommunications system (Phase 2+); Mobile  
Radio Interface Layer 3 - Supplementary services specification  
formats and coding  
(3GPP TS 04.80 version 7.4.1 Release 1998)

TC ETSI

**TS 100956:1998 ( V6.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call  
Barring (CB) supplementary services; Stage 3 (GSM 04.88 version

6.0.1 Release 1997)

TC ETSI

**TS 100956:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Call Barring (CB) supplementary services; Stage 3 (GSM 04.88 version 7.0.0 Release 1998)

TC ETSI

**TS 100959:2001 ( V8.4.0 )**

Digital cellular telecommunications system (Phase 2+); Modulation (3GPP TS 05.04 version 8.4.0 Release 1999)

TC ETSI

**TS 100974:2003 ( V6.14.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Application Part (MAP) specification (3GPP TS 09.02 version 6.14.0 Release 1997)

TC ETSI

**TS 100974:2003 ( V5.19.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Application Part (MAP) specification (3GPP TS 09.02 version 5.19.0 Release 1996)

TC ETSI

**TS 100974:2004 ( V7.15.0 )**

Digital cellular telecommunications system (Phase 2+); Mobile Application Part (MAP) specification (3GPP TS 09.02 version 7.15.0 Release 1998)

TC ETSI

**TS 100975:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services Digital Network (PSPDN/ISDN) for the support of packet switched data transmission services (GSM 09.06 version 6.0.0 Release 1997)

TC ETSI

**TS 100975:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Integrated Services Digital Network (PSPDN/ISDN) for the support of packet switched data transmission services (GSM 09.06 version 7.0.0 Release 1998)

TC ETSI

**TS 100976:2000 ( V6.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 6.2.0 Release 1997)

TC ETSI

**TS 100976:2000 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (GSM 09.07 version 7.2.0 Release 1998)

TC ETSI

**TS 100977:2000 ( V6.3.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Specification of the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.11 version 6.3.0 Release 1997)

TC ETSI

**TS 100977:2001 ( V7.7.0 )**

Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface (3GPP TS 11.11 version 7.7.0 Release 1998) Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface (3GPP TS 11.11 version 7.7.0 Release 1998)

TC ETSI

**TS 100977:2007 ( V8.14.0 )**

Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (3GPP TS 11.11 version 8.14.0 Release 1999)

TC ETSI

**TS 100979:2002 ( V7.3.0 )**

Digital cellular telecommunications system (Phase 2+); In-band control of remote transcoders and rate adaptors for half rate traffic channels (3GPP TS 08.61 version 7.3.0 Release 1998)

TC ETSI

**TS 100979:2002 ( V8.1.0 )**

Digital cellular telecommunications system (Phase 2+); In-band control of remote transcoders and rate adaptors for half rate traffic channels (3GPP TS 08.61 version 8.1.0 Release 1999)

TC ETSI

**TS 101009:1997 ( V1.1.1 )**

Transmission and Multiplexing (TM); Synchronous Digital Hierarchy (SDH); Network protection schemes; Types and characteristics

TC ETSI

**TS 101010:1997 ( V1.1.1 )**

Transmission and Multiplexing (TM); Synchronous Digital Hierarchy (SDH); Network protection schemes; Interworking: rings and other schemes

TC ETSI

**TS 101012:2001 ( V1.2.1 )**

Transmission and Multiplexing (TM); Broadband Access Digital Section and NT functional requirements

TC ETSI

**TS 101032:1997 ( V5.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Compression algorithm for text messaging services (GSM 03.42 version 5.2.0)

TC ETSI

**TS 101032:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Compression algorithm for text messaging services (GSM 03.42 version 6.0.0 Release 1997)

TC ETSI

**TS 101032:1999 ( V7.1.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Compression algorithm for text messaging services  
(GSM 03.42 version 7.1.1 Release 1998)

TC ETSI

**TS 101038:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
High Speed Circuit Switched Data (HSCSD); Stage 2  
(GSM 03.34 version 6.0.0 Release 1997 )

TC ETSI

**TS 101038:1999 ( V5.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
High Speed Circuit Switched Data (HSCSD) - Stage 2  
(GSM 03.34 version 5.2.0 Release 1996 )

TC ETSI

**TS 101038:1999 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
High Speed Circuit Switched Data (HSCSD) - Stage 2  
(GSM 03.34 version 7.0.0 Release 1998)

TC ETSI

**TS 101040:1997 ( V1.1.1 )**

Terrestrial Trunked Radio (TETRA); Security; Lawful Interception  
(LI) interface

TC ETSI

**TS 101043:1998 ( V5.6.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM); Basic  
call handling; Technical realization  
(GSM 03.18 version 5.6.0 Release 1996)

TC ETSI

**TS 101043:2003 ( V6.8.0 )**

Digital cellular telecommunications system (Phase 2+); Basic call  
handling  
(3GPP TS 03.18 version 6.8.0 Release 1997)

TC ETSI

**TS 101043:2003 ( V7.5.0 )**

Digital cellular telecommunications system (Phase 2+); Basic call  
handling  
(3GPP TS 03.18 version 7.5.0 Release 1998)

TC ETSI

**TS 101044:1999 ( V5.8.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Customized Applications for Mobile network Enhanced Logic  
(CAMEL); Stage 2  
(GSM 03.78 version 5.8.0 Release 1996)

TC ETSI

**TS 101045:1999 ( V5.5.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Support of Optimal Routeing (SOR); Technical realisation  
(GSM 03.79 version 5.5.0 Release 1996)

TC ETSI

**TS 101045:2000 ( V6.3.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);

Support of Optimal Routeing (SOR); Technical realisation  
(GSM 03.79 version 6.3.0 Release 1997)

TC ETSI

**TS 101045:2000 ( V7.3.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Support of Optimal Routeing (SOR); Technical realisation  
(GSM 03.79 version 7.3.0 Release 1998)

TC ETSI

**TS 101046:1999 ( V7.1.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Customised Applications for Mobile network Enhanced Logic  
(CAMEL); CAMEL Application Part (CAP) specification  
(GSM 09.78 version 7.1.0 Release 1998)

TC ETSI

**TS 101046:1999 ( V5.7.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Customised Applications for Mobile network Enhanced Logic  
(CAMEL); CAMEL Application Part (CAP) specification  
(GSM 09.78 version 5.7.0 Release 1996)

TC ETSI

**TS 101046:2000 ( V6.5.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Customised Applications for Mobile network Enhanced Logic  
(CAMEL); CAMEL Application Part (CAP) specification  
(GSM 09.78 version 6.5.0 Release 1997)

TC ETSI

**TS 101059:1997 ( V1.1.1 )**

Corporate Telecommunication Networks (CN); CEPT signalling  
systems (L1 and L2) for analogue inter-PABX lines

TC ETSI

**TS 101087:2002 ( V5.5.0 )**

Digital cellular telecommunications system (Phase 2+); Base  
Station System (BSS) equipment specification; Radio aspects  
(3GPP TS 11.21 version 5.5.0 Release 1996)

TC ETSI

**TS 101106:1998 ( V6.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
General Packet Radio Service (GPRS); GPRS ciphering algorithm  
requirements  
(GSM 01.61 version 6.0.1)

TC ETSI

**TS 101106:2001 ( V7.0.0 )**

Digital cellular telecommunications system (Phase 2+); General  
Packet Radio Service (GPRS); GPRS ciphering algorithm  
requirements  
(3GPP TS 01.61 version 7.0.0 Release 1998)

TC ETSI

**TS 101107:1999 ( V7.1.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Fraud Information Gathering System (FIGS); Service description -  
Stage 1  
(GSM 02.31 version 7.1.1 Release 1998)

TC ETSI

**TS 101108:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Tandem Free Operation (TFO); Service Description; Stage 1  
(GSM 02.53 version 7.0.1 Release 1998)

TC ETSI

**TS 101109:1998 ( V5.2.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Universal Geographical Area Description (GAD) (GSM 03.32  
version 5.2.0 Release 1996)

TC ETSI

**TS 101109:1999 ( V6.0.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Universal Geographical Area Description (GAD) (GSM 03.32  
version 6.0.0 Release 1997)

TC ETSI

**TS 101109:2002 ( V7.2.0 )**

Digital cellular telecommunications system (Phase 2+); Universal  
Geographical Area Description (GAD)  
(3GPP TS 03.32 version 7.2.0 Release 1998)

TC ETSI

**TS 101113:2000 ( V7.5.0 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
General Packet Radio Service (GPRS); Service description; Stage 1  
(GSM 02.60 version 7.5.0 Release 1998)

TC ETSI

**TS 101116:1999 ( V7.0.1 )**

Digital cellular telecommunications system (Phase 2+) (GSM);  
Specification of the 1.8 Volt Subscriber Identity Module - Mobile  
Equipment (SIM - ME) interface  
(GSM 11.18 version 7.0.1 Release 1998)

TC ETSI

**TS 101135:2000 ( V1.5.3 )**

Transmission and Multiplexing (TM); High bit-rate Digital  
Subscriber Line (HDSL) transmission systems on metallic local  
lines; HDSL core specification and applications for combined  
ISDN-BA and 2 048 kbit/s transmission

TC ETSI

**TS 101136:2001 ( V1.3.1 )**

Satellite Earth Stations and Systems (SES); Guidance for general  
purpose earth stations transmitting in the 5,7 GHz to 30,0 GHz  
frequency bands towards geostationary satellites and not covered by  
other ETSI specifications or standards

TC ETSI

**TS 101139:1998 ( V1.1.1 )**

Integrated Services Digital Network (ISDN); Signalling System  
No.7; Transaction Capabilities (TC) version 2; Implementors guide



### 3. Normas Internacionais publicadas

Normas Internacionais aprovadas e publicadas pela Comissão Eletrotécnica Internacional (IEC) e pela Organização Internacional de Normalização (ISO)

Para cada referência, menciona-se o Comité Técnico, a designação codificada, a data e o título.

#### IEC

TC 48B

**IEC 60512-99-001:2012 ( Ed 1.0 )**

Connectors for electronic equipment - Test and measurements Part 99-001: Test schedule for engaging and separating connectors under electrical load - Test 99a: Connectors used in twisted pair communication cabling with remote power

TC 48D

**IEC 61587-4:2012 ( Ed 1.0 )**

Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 Part 4: Combination of performance levels for modular cabinets

TC 61J

**IEC 60335-2-72:2012 ( Ed 3.0 )**

Household and similar electrical appliances - Safety Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use

TC 62B

**IEC 60601-2-44:2009 /A 1:2012 ( Ed 3.0 )**

Medical electrical equipment Part 2-44: Particular requirements for basic safety and essential performance of X-ray equipment for computed tomography

TC 86A

**IEC 60794-1-23:2012 ( Ed 1.0 )**

Optical fibre cables Part 1-23: Generic specification - Basic optical cable test procedures - Cable elements Test Methods

TC 86B

**IEC 61300-2-10:2012 ( Ed 2.0 )**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-10: Tests - Crush resistance

TC 86B

**IEC 61300-3-44:2012 ( Ed 1.0 )**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-44: Examinations and measurements - Fibre optic transceiver receptacle endface visual and automated inspection

TC 86B

**IEC 61753-061-2:2012 ( Ed 1.0 )**

Fibre optic interconnecting devices and passive components - Performance standard Part 061-2: Non-connectorised single-mode fibre optic pigtailed isolators for category C - Controlled environments

TC CISPR/F

**CISPR 32:2012 /CORRIGENDUM Agu:2012 ( Ed 1.0 )**

Electromagnetic compatibility of multimedia equipment - Emission requirements

TC CISPR/F

**CISPR/TR 30-1:2012 ( Ed 1.0 )**

Test method on electromagnetic emissions Part 1: Electronic control gear for single- and double-capped fluorescent lamps

TC CISPR/F

**CISPR/TR 30-2:2012 ( Ed 1.0 )**

Test method on electromagnetic emissions Part 2: Electronic control gear for discharge lamps excluding fluorescent lamps

TC 3

**IEC 82079-1:2012 ( Ed 1.0 )**

Preparation of instructions for use - Structuring, content and presentation Part 1: General principles and detailed requirements

TC 3

**IEC/TS 62768:2012 ( Ed 1.0 )**

Preparation and processing of source definitions for data element types - Guidelines for product committees

TC 7

**IEC 61394:2011 /CORRIGENDUM Agu:2012 ( Ed 1.0 )**

Overhead lines - Requirements for greases for aluminium, aluminium alloy and steel bare conductors

TC 9

**IEC 61881-2:2012 ( Ed 1.0 )**

Railway applications - Rolling stock equipment - Capacitors for power electronics Part 2: Aluminium electrolytic capacitors with non solid electrolyte

TC 10

**IEC 62697-1:2012 ( Ed 1.0 )**

Test method for quantitative determination of corrosive sulfur compounds in unused and used insulating liquids Part 1: Test method for quantitative determination of dibenzyldisulfide (DBDS)

TC 47

**IEC/TR 62258-4:2012 ( Ed 2.0 )**

Semiconductor die products Part 4: Questionnaire for die users and suppliers

TC 56

**IEC 62628:2012 ( Ed 1.0 )**

Guidance on software aspects of dependability

TC 89

**IEC 60695-11-3:2012 ( Ed 2.0 )**

Fire hazard testing Part 11-3: Test flames - 500 W flames: Apparatus and confirmational test methods

TC 100

**IEC/TS 62654:2012 ( Ed 1.0 )**

Network-based energy consumption measurement - Energy saving system - Conceptual model

TC 107

**IEC/TS 62647-1:2012 ( Ed 1.0 )**

Process management for avionics - Aerospace and defence electronic systems containing lead-free solder Part 1: Preparation for a lead-free control plan

TC 110

**IEC 62341-6-3:2012 ( Ed 1.0 )**

Organic light emitting diode (OLED) displays Part 6-3: Measuring methods of image quality

TC 114

**IEC/TS 62600-100:2012 ( Ed 1.0 )**

Marine energy - Wave, tidal and other water current converters  
Part 100: Electricity producing wave energy converters - Power  
performance assessment

## ISO

TC 22

**ISO 8714:2002 ( Ed 1 )**

Electric road vehicles - Reference energy consumption and range -  
Test procedures for passenger cars and light commercial vehicles

TC 22

**ISO 8715:2001 ( Ed 1 )**

Electric road vehicles - Road operating characteristics

TC 22

**ISO/TR 8713:2012 ( Ed 1 )**

Electrically propelled road vehicles - Vocabulary

TC 38

**ISO 4920:2012 ( Ed 2 )**

Textile fabrics Determination of resistance to surface wetting (spray  
test)

TC 127

**ISO 6165:2012 ( Ed 6 )**

Earth-moving machinery Basic types Identification and terms and  
definitions

TC 176

**ISO 10018:2012 ( Ed 1 )**

Quality management Guidelines on people involvement and  
competence

TC 217

**ISO 16212:2008 ( Ed 1 )**

Cosmetics - Microbiology - Enumeration of yeast and mould

## ISO/IEC

TC CASCO

**ISO/IEC 17021-2:2012 ( Ed 1.0 )**

Conformity assessment - Requirements for bodies providing audit  
and certification of management systems Part 2: Competente  
requirements for auditing and certification of environmental  
management systems

## ISO/IEC JTC1

TC 1

**ISO/IEC 19790:2012 ( Ed 2.0 )**

Information technology - Security techniques - Security  
requirements for cryptographic modules

## 4. Projetos de normas portuguesas

Os projetos de normas estão organizadas por Grupos classificativos, indicando-se a referência e o respetivo título.

### 4.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a correspondência europeia ou internacional, quando exista, e a data limite para a apresentação de comentários.

**LISTA VAZIA**

## 4.2 Projetos anulados

Para cada referência menciona-se a designação, a correspondência europeia e/ou internacional, bem como o documento que o substitui, quando exista.

**LISTA VAZIA**

## 5. Projetos de normas e propostas de estudo de novas normas do Comité Europeu de Normalização (CEN e do Comité Europeu para a Normalização do Ferro e do Aço (ECISS))

Os projetos de normas e as propostas de estudo de novas normas estão organizadas por "Comités" Técnicos do CEN e do ECISS.

### 5.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

#### prEN 16252:2012

Machines for compacting waste materials or recyclable fractions Horizontal baling presses Safety requirements  
**Data Limite:** 2012-10-02

#### prEN 16281:2012

Child protective products Consumer fitted child resistant locking devices for windows and balcony doors Safety requirements and test methods  
**Data Limite:** 2012-10-09

#### prEN 16310:2012

Engineering services Terminology to describe engineering services for buildings, infrastructure and industrial facilities  
**Data Limite:** 2012-11-06

#### prEN 16311:2012

Engineering services Terminology to describe engineering services for industrial products  
**Data Limite:** 2012-11-06

#### prEN 16325:2012

Guarantees of Origin related to energy Guarantees of Origin for Electricity  
**Data Limite:** 2012-11-27

#### prEN 16486:2012

Machines for compacting waste materials or recyclable fractions Compactors Safety Requirements  
**Data Limite:** 2013-02-20

#### prEN 16489-1:2012

Professional indoor sun exposure services Part 1: Requirements for the provision of training  
**Data Limite:** 2013-02-27

#### prEN ISO 80000-1:2012

Quantities and units Part 1: General (ISO 80000-1:2009 + Cor 1:2011)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-2:2012

Quantities and units Part 2: Mathematical signs and symbols to be used in the natural sciences and technology (ISO 80000-2:2009)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-3:2012

Quantities and units Part 3: Space and time (ISO 80000-3:2006)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-4:2012

Quantities and units Part 4: Mechanics (ISO 80000-4:2006)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-5:2012

Quantities and units Part 5: Thermodynamics (ISO 80000-5:2007)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-7:2012

Quantities and units Part 7: Light (ISO 80000-7:2008)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-9:2012

Quantities and units Part 9: Physical chemistry and molecular physics (ISO 80000-9:2009 + Amd 1:2011)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-10:2012

Quantities and units Part 10: Atomic and nuclear physics (ISO 80000-10:2009)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-11:2012

Quantities and units Part 11: Characteristic numbers (ISO 80000-11:2008)  
**Data Limite:** 2013-02-13

#### prEN ISO 80000-12:2012

Quantities and units Part 12: Solid state physics (ISO 80000-12:2009)  
**Data Limite:** 2013-02-13

#### prEN ISO/IEC 17067:2012

Conformity assessment Fundamentals of product certification and guidelines for product certification schemes (ISO/IEC/DIS 17067:2012)  
**Data Limite:** 2012-12-05

#### TC 10

#### prEN ISO 14798:2011

Lifts (elevators), escalators and moving walks Risk assessment and reduction methodology (ISO 14798:2009)  
**Data Limite:** 2012-10-23

#### TC 12

#### prEN ISO 13705:2012

Petroleum, petrochemical and natural gas industries Fired heaters for general refinery service (ISO/FDIS 13705:2012)

**Data Limite:** 2012-11-13

TC 12

**prEN ISO 19901-7:2012**

Petroleum and natural gas industries Specific requirements for offshore structures Part 7: Stationkeeping systems for floating offshore structures and mobile offshore units (ISO/FDIS 19901-7:2012)

**Data Limite:** 2012-11-27

TC 19

**prEN 1601:2012**

Liquid petroleum products Unleaded petrol Determination of organic oxygenate compounds and total organically bound oxygen content by gas chromatography (O-FID)

**Data Limite:** 2012-12-19

TC 19

**prEN 12662:2012**

Liquid petroleum products Determination of total contamination in middle distillates, diesel fuels and fatty acid methyl esters

**Data Limite:** 2013-01-09

TC 19

**prEN 14274:2012**

Automotive fuels Assessment of petrol and diesel quality Fuel quality monitoring system (FQMS)

**Data Limite:** 2012-11-07

TC 19

**prEN 14275:2012**

Automotive fuels Assessment of petrol and diesel fuel quality Sampling from retail site pumps and commercial site fuel dispensers

**Data Limite:** 2012-11-07

TC 19

**prEN 16143:2012**

Petroleum products Determination of content of Benzo(a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils Procedure using double LC cleaning and GC/MS analysis

**Data Limite:** 2012-11-13

TC 19

**prEN 16476:2012**

Liquid Petroleum products Determination of Sodium, Potassium, Calcium, Phosphorus, Copper and Zinc contents in diesel fuel Method via Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)

**Data Limite:** 2013-02-13

TC 19

**prEN ISO 5163:2012**

Petroleum products Determination of knock characteristics of motor and aviation fuels Motor method (ISO/DIS 5163:2012)

**Data Limite:** 2012-10-10

TC 19

**prEN ISO 5164:2012**

Petroleum products Determination of knock characteristics of motor fuels Research method (ISO/DIS 5164:2012)

**Data Limite:** 2012-10-10

TC 19

**prEN ISO 12922:2012**

Lubricants, industrial oils and related products (class L) Family H (Hydraulic systems)

Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (ISO/FDIS 12922:2012)

**Data Limite:** 2012-10-30

TC 19

**prEN ISO 22854:2012**

Liquid petroleum products Determination of hydrocarbon types and oxygenates in automotive-motor gasoline Multidimensional gas chromatography method (ISO/DIS 22854:2012)

**Data Limite:** 2012-11-21

TC 23

**prEN ISO 10297:2012**

Gas cylinders Cylinder valves Specification and type testing

(ISO/DIS 10297:2012)

**Data Limite:** 2012-12-19

TC 23

**prEN ISO 10462:2012**

Gas cylinders Acetylene cylinders Periodic inspection and maintenance

(ISO/DIS 10462:2012)

**Data Limite:** 2012-10-10

TC 23

**prEN ISO 21007-2:2012**

Gas cylinders Identification and marking using radio frequency identification technology Part 2: Numbering schemes for radio frequency identification

(ISO/FDIS 21007-2:2012)

**Data Limite:** 2012-11-13

TC 23

**EN ISO 22435:2007/prA 1:2011**

Gas cylinders Cylinder valves with integrated pressure regulators Specification and type testing

(ISO 22435:2007/FDAM 1:2012)

**Data Limite:** 2012-11-13

TC 33

**prEN 1527:2012**

Building hardware Hardware for sliding doors and folding doors Requirements and test methods

**Data Limite:** 2012-10-09

TC 33

**prEN 1932:2012**

External blinds and shutters Resistance to wind loads Method of testing and performance criteria

**Data Limite:** 2012-11-13

TC 33

**prEN 1935:2012**

Building hardware Single-axis hinges Requirements and test methods

**Data Limite:** 2013-01-04

TC 33

**prEN 12428:2012**

Industrial, commercial and garage doors Thermal transmittance Requirements for the calculation

**Data Limite:** 2012-10-30

TC 33

**prEN 13126-9:2012**

Building hardware Hardware for windows and door height windows Part 9: Hardware for horizontal and vertical pivot windows

**Data Limite:** 2012-11-13

TC 33  
**prEN 13330:2012**  
Shutters Hard body impact and prevention of access  
Test methods  
**Data Limite:** 2012-11-13

TC 47  
**prEN ISO 23553-1:2012**  
Safety and control devices for oil burners and oil  
burning appliances Particular requirements Part 1:  
Automatic and semi-automatic valves  
(ISO/DIS 23553-1:2012)  
**Data Limite:** 2012-11-28

TC 49  
**EN 30-1-1:2008+A2:2010 /prA 3:2012**  
Domestic cooking appliances burning gas Part 1-1:  
Safety - General  
**Data Limite:** 2012-11-30

TC 50  
**prEN 40-3-1:2012**  
Lighting columns Part 3-1: Design and verification -  
Specification for characteristic loads  
**Data Limite:** 2012-10-24

TC 50  
**prEN 40-3-2:2012**  
Lighting columns Design and verification Part 3-2:  
Verification by testing  
**Data Limite:** 2012-10-24

TC 50  
**prEN 40-3-3:2012**  
Lighting columns Design and verification Part 3-3:  
Verification by calculation  
**Data Limite:** 2012-10-24

TC 52  
**EN 71-1:2011 /prA 1:2012**  
Safety of toys Part 1: Mechanical and physical properties

Amendment 1: "Legibility of warnings" including  
"correction of specification for Gauss-meter"  
**Data Limite:** 2013-01-04

TC 52  
**EN 71-1:2011 /prA 3:2012**  
Safety of toys Part 1: Mechanical and physical properties  
Amendment 3: Toy books  
**Data Limite:** 2013-01-04

TC 52  
**prEN 71-14:2012**  
Safety of toys Part 14: Trampolines for domestic use  
**Data Limite:** 2013-01-16

TC 54  
**EN 13445-3:2009 /prA 2:2012**  
Unfired pressure vessels Part 3: Design  
**Data Limite:** 2012-12-05

TC 55  
**prEN ISO 3665:2012**  
Photography Intra-oral dental radiographic film and film  
packets Manufacturer specifications  
(ISO 3665:2011)  
**Data Limite:** 2013-01-30

TC 55  
**prEN ISO 13356:2012**  
Implants for surgery Ceramic materials based on  
yttria-stabilized tetragonal zirconia (Y-TZP)  
(ISO 13356:2008)

**Data Limite:** 2013-02-27

TC 55  
**prEN ISO 17304:2012**  
Dentistry Polymerisation shrinkage: Method for  
determination of polymerisation shrinkage of  
polymer-based restorative materials  
(ISO/DIS 17304:2012)  
**Data Limite:** 2012-11-07

TC 55  
**prEN ISO 28888:2012**  
Dentistry Screening method for erosion potential of oral  
rinses on dental hard tissues  
(ISO/DIS 28888:2012)  
**Data Limite:** 2012-11-28

TC 58  
**EN 161:2011 /prA 1:2012**  
Automatic shut-off valves for gas burners and gas  
appliances Special requirements to determine  
performance level (PL)  
**Data Limite:** 2012-10-09

TC 58  
**prEN 1643:2012**  
Valve proving systems for automatic shut-off valves for  
gas burners and gas appliances  
**Data Limite:** 2013-02-20

TC 69  
**prEN 13774:2012**  
Valves for gas distribution systems with maximum  
operating pressure less than or equal to 16 bar  
Performance requirements  
**Data Limite:** 2012-11-27

TC 69  
**prEN ISO 4126-1:2012**  
Safety devices for protection against excessive pressure  
Part 1: Safety valves  
(ISO/FDIS 4126-1:2012)  
**Data Limite:** 2012-11-27

TC 69  
**prEN ISO 4126-4:2012**  
Safety devices for protection against excessive pressure  
Part 4: Pilot-operated safety valves  
(ISO/FDIS 4126-4:2012)  
**Data Limite:** 2012-11-27

TC 69  
**prEN ISO 4126-5:2012**  
Safety devices for protection against excessive pressure  
Part 5: Controlled safety pressure relief systems (CSPRS)  
(ISO/FDIS 4126-5:2012)  
**Data Limite:** 2012-11-27

TC 70  
**prEN 1866-2:2012**  
Mobile fire extinguishers Part 2: Requirements for the  
construction, pressure resistance and mechanical tests  
for extinguishers, with a maximum allowable pressure  
equal to or lower than 30 bar, which comply with the  
requirements of EN 1866-1  
**Data Limite:** 2013-01-23

TC 70  
**prEN 1866-3:2012**  
Mobile fire extinguishers Part 3: Requirements for the  
assembly, construction and pressure resistance of CO<sub>2</sub>  
extinguishers which comply with the requirements of EN  
1866-1



**Data Limite:** 2013-02-27

TC 74

**EN 1092-1:2007 /prA 1:2012**

Flanges and their joints Circular flanges for pipes, valves, fittings and accessories, PN designated Part 1: Steel flanges

**Data Limite:** 2012-10-23

TC 79

**prEN 250:2012**

Respiratory equipment Open-circuit self-contained compressed air diving apparatus Requirements, testing, marking

**Data Limite:** 2012-10-31

TC 79

**prEN 12021:2012**

Respiratory protective devices Compressed gases for breathing apparatus

**Data Limite:** 2012-10-31

TC 88

**prEN 822:2012**

Thermal insulating products for building applications Determination of length and width

**Data Limite:** 2012-11-14

TC 88

**prEN 823:2012**

Thermal insulating products for building applications Determination of thickness

**Data Limite:** 2012-11-14

TC 88

**prEN 824:2012**

Thermal insulating products for building applications Determination of squareness

**Data Limite:** 2012-11-14

TC 88

**prEN 825:2012**

Thermal insulating products for building applications Determination of flatness

**Data Limite:** 2012-11-14

TC 88

**prEN 826:2012**

Thermal insulating products for building applications Determination of compression behaviour

**Data Limite:** 2012-11-14

TC 88

**prEN 1602:2012**

Thermal insulating products for building applications Determination of the apparent density

**Data Limite:** 2012-11-14

TC 88

**prEN 1603:2012**

Thermal insulating products for building applications Determination of dimensional stability under constant normal laboratory conditions (23 °C/ 50 % relative humidity)

**Data Limite:** 2012-11-14

TC 88

**prEN 1604:2012**

Thermal insulating products for building applications Determination of dimensional stability under specified temperature and humidity conditions

**Data Limite:** 2012-11-14

TC 88

**prEN 1605:2012**

Thermal insulating products for building applications Determination of deformation under specified compressive load and temperature conditions

**Data Limite:** 2012-11-14

TC 88

**prEN 1606:2012**

Thermal insulating products for building applications Determination of compressive creep

**Data Limite:** 2012-11-14

TC 88

**prEN 1607:2012**

Thermal insulating products for building applications Determination of tensile strength perpendicular to faces

**Data Limite:** 2012-11-14

TC 88

**prEN 1608:2012**

Thermal insulating products for building applications Determination of tensile strength parallel to faces

**Data Limite:** 2012-11-14

TC 88

**prEN 1609:2012**

Thermal insulating products for building applications Determination of short term water absorption by partial immersion

**Data Limite:** 2012-11-14

TC 88

**prEN 12085:2012**

Thermal insulating products for building applications Determination of linear dimensions of test specimens

**Data Limite:** 2012-11-14

TC 88

**prEN 12086:2012**

Thermal insulating products for building applications Determination of water vapour transmission properties

**Data Limite:** 2012-11-14

TC 88

**prEN 12087:2012**

Thermal insulating products for building applications Determination of long term water absorption by immersion

**Data Limite:** 2012-11-14

TC 88

**prEN 12088:2012**

Thermal insulating products for building applications Determination of long term water absorption by diffusion

**Data Limite:** 2012-11-14

TC 88

**prEN 12089:2012**

Thermal insulating products for building applications Determination of bending behaviour

**Data Limite:** 2012-11-14

TC 88

**prEN 12090:2012**

Thermal insulating products for building applications Determination of shear behaviour

**Data Limite:** 2012-11-14

TC 88

**prEN 12091:2012**

Thermal insulating products for building applications Determination of freeze-thaw resistance

**Data Limite:** 2012-11-14

TC 88

**prEN 12430:2012**

Thermal insulating products for building applications  
Determination of behaviour under point load

**Data Limite:** 2012-11-14

TC 88

**prEN 12431:2012**

Thermal insulating products for building applications  
Determination of thickness for floating floor insulating products

**Data Limite:** 2012-11-14

TC 88

**EN 14303:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made mineral wool (MW) products Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14304:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made flexible elastomeric foam (FEF) products Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14305:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made cellular glass (CG) products Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14306:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made calcium silicate (CS) products Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14307:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made extruded polystyrene foam (XPS) products Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14308:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14309:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made products of expanded polystyrene (EPS) Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14313:2009 /prA 1:2012**

Thermal insulation products for building equipment and industrial installations Factory made polyethylene foam (PEF) products Specification

**Data Limite:** 2012-10-10

TC 88

**EN 14314:2009 /prA 1:2012**

Thermal insulation products for building equipment and

industrial installations Factory made phenolic foam (PF) products Specification

**Data Limite:** 2012-10-10

TC 88

**prEN 14315-1:2012**

Thermal insulating products for buildings In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products Part 1: Specification for the rigid foam spray system before installation

**Data Limite:** 2012-10-16

TC 88

**prEN 14315-2:2012**

Thermal insulating products for buildings In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products Part 2: Specification for the installed insulation products

**Data Limite:** 2012-10-16

TC 88

**prEN 14318-1:2012**

Thermal insulating products for buildings In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products Part 1: Specification for the rigid foam dispensed system before installation

**Data Limite:** 2012-10-16

TC 88

**prEN 14318-2:2012**

Thermal insulating products for buildings In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate (PIR) foam products Part 2: Specification for the installed insulation products

**Data Limite:** 2012-10-16

TC 88

**prEN 14319-1:2012**

Thermal insulating products for building equipment and industrial installations In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products Part 1: Specification for the rigid foam dispensed system before installation

**Data Limite:** 2012-10-23

TC 88

**prEN 14319-2:2012**

Thermal insulating products for building equipment and industrial installations In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products Part 2: Specification for the installed insulation products

**Data Limite:** 2012-10-23

TC 88

**prEN 14320-1:2012**

Thermal insulating products for building equipment and industrial installations In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products Part 1: Specification for the rigid foam spray system before installation

**Data Limite:** 2012-10-23

TC 88

**prEN 14320-2:2012**

Thermal insulating products for building equipment and industrial installations In-situ formed sprayed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products Part 2: Specification for the installed insulation products

**Data Limite:** 2012-10-23

TC 88  
**prEN 15501:2012**  
Thermal insulation products for building equipment and industrial installations Factory made expanded perlite (EP) and exfoliated vermiculite (EV) products Specification  
**Data Limite:** 2013-01-09

TC 89  
**prEN ISO 12569:2012**  
Thermal performance of buildings and materials Determination of specific airflow rate in buildings Tracer gas dilution method (ISO/FDIS 12569:2012)  
**Data Limite:** 2012-10-16

TC 89  
**prEN ISO 12571:2012**  
Hygrothermal performance of building materials and products Determination of hygroscopic sorption properties (ISO/DIS 12571:2012)  
**Data Limite:** 2012-11-14

TC 89  
**prEN ISO 13788:2012**  
Hygrothermal performance of building components and building elements Internal surface temperature to avoid critical surface humidity and interstitial condensation Calculation methods (ISO/FDIS 13788:2012)  
**Data Limite:** 2012-11-27

TC 89  
**prEN ISO 15758:2012**  
Hygrothermal performance of building equipment and industrial installations - Calculation of water vapour diffusion - Cold pipe insulation systems (ISO/DIS 15758:2012)  
**Data Limite:** 2012-11-21

TC 92  
**prEN ISO 4064-3:2012**  
Water meters intended for the metering of cold potable water and hot water Part 3: Test report format (ISO/DIS 4064-3:2012)  
**Data Limite:** 2012-10-03

TC 92  
**prEN ISO 4064-4:2012**  
Water meters intended for the metering of cold potable water and hot water Part 4: Non-metrological requirements not covered in ISO 4064-1 (ISO/DIS 4064-4:2012)  
**Data Limite:** 2012-10-03

TC 92  
**prEN ISO 4064-5:2012**  
Water meters intended for the metering of cold potable water and hot water Part 5: Installation requirements (ISO/DIS 4064-5:2012)  
**Data Limite:** 2012-10-03

TC 102  
**prEN 13060:2012**  
Small steam sterilizers  
**Data Limite:** 2012-10-31

TC 102  
**prEN 14180:2012**  
Sterilizers for medical purposes Low temperature steam and formaldehyde sterilizers Requirements and testing  
**Data Limite:** 2012-11-07

TC 102  
**prEN 16442:2012**  
Controlled environment storage cabinet for disinfected thermolabile endoscopes  
**Data Limite:** 2012-10-31

TC 102  
**prEN ISO 11140-1:2012**  
Sterilization of health care products Chemical indicators Part 1: General requirements (ISO/DIS 11140-1:2012)  
**Data Limite:** 2013-01-23

TC 102  
**EN ISO 15883-1:2009 /prA 1:2012**  
Washer-disinfectors Part 1: General requirements, terms and definitions and tests (ISO 15883-1:2006/DAM 1:2012)  
**Data Limite:** 2012-10-03

TC 104  
**prEN 1504-5:2012**  
Products and systems for the protection and repair of concrete structures Definitions, requirements, quality control and evaluation of conformity Part 5: Concrete injection  
**Data Limite:** 2012-12-19

TC 107  
**EN 253:2009 /prA 1:2012**  
District heating pipes Preinsulated bonded pipe systems for directly buried hot water networks Pipe assembly of steel service pipe, polyurethane thermal insulation and outer casing of polyethylene  
**Data Limite:** 2012-11-13

TC 107  
**EN 488:2011 /prA 1:2012**  
District heating pipes Preinsulated bonded pipe systems for directly buried hot water networks Steel valve assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene  
**Data Limite:** 2013-01-02

TC 109  
**prEN 1502-2-2:2012**  
Gas-fired central heating boilers Part 2-2: Specific standard for type B1 appliances of a nominal heat input not exceeding 70 kW  
**Data Limite:** 2013-02-13

TC 109  
**prEN 13203-5:2012**  
Gas-fired domestic appliance producing hot water Part 5: Assessment of energy consumption of gas fired appliances combined with electrical heat pump  
**Data Limite:** 2013-02-13

TC 113  
**prCEN ISO/TR 16491:2012**  
Guidelines for the evaluation of uncertainty of measurement in air conditioner and heat pump cooling and heating capacity tests (ISO/DTR 16491:2012)  
**Data Limite:** 2012-10-19

TC 113  
**prEN 16440-1:2012**  
Testing methodologies of cooling equipment for insulated means of transportation Part 1: Mechanical refrigeration systems with forced air circulation evaporator or convection and optional heating devices  
**Data Limite:** 2012-10-24

TC 119  
**EN ISO 6346:1995 /prA 3:2012**  
Freight containers Coding, identification and marking  
Amendment 3  
(ISO 6346:1995/FDAM 3:2012)  
**Data Limite:** 2012-10-09

TC 121  
**prEN 14700:2012**  
Welding consumables Welding consumables for  
hard-facing  
**Data Limite:** 2012-12-26

TC 121  
**prEN ISO 2553:2012**  
Welding and allied processes Symbolic representation on  
drawings Welded, brazed and soldered joints  
(ISO/DIS 2553:2012)  
**Data Limite:** 2012-10-30

TC 121  
**prEN ISO 4136:2012**  
Destructive tests on welds in metallic materials Transverse  
tensile test  
(ISO/FDIS 4136:2012)  
**Data Limite:** 2012-10-12

TC 121  
**prEN ISO 5817:2012**  
Welding Fusion-welded joints in steel, nickel, titanium  
and their alloys (beam welding excluded) Quality levels  
for imperfections  
(ISO/DIS 5817:2012)  
**Data Limite:** 2012-10-10

TC 121  
**prEN ISO 5826:2012**  
Resistance welding equipment Transformers General  
specifications applicable to all transformers  
(ISO/DIS 5826:2012)  
**Data Limite:** 2012-10-31

TC 121  
**prEN ISO 9016:2012**  
Destructive tests on welds in metallic materials Impact  
tests Test specimen location, notch orientation and  
examination  
(ISO/FDIS 9016:2012)  
**Data Limite:** 2012-10-12

TC 121  
**EN ISO 9539:2010 /prA 1:2012**  
Gas welding equipment Materials for equipment used in  
gas welding, cutting and allied processes Amendment 1  
(ISO 9539:2010/DAM 1:2012)  
**Data Limite:** 2012-10-24

TC 121  
**prEN ISO 14555:2012**  
Welding Arc stud welding of metallic materials  
(ISO/DIS 14555:2012)  
**Data Limite:** 2013-01-02

TC 121  
**prEN ISO 17636-1:2012**  
Non-destructive testing of welds Radiographic testing  
Part 1: X- and gamma-ray techniques with film  
(ISO/FDIS 17636-1:2012)  
**Data Limite:** 2012-11-13

TC 121  
**prEN ISO 17636-2:2012**  
Non-destructive testing of welds Radiographic testing  
Part 2: X- and gamma-ray techniques with digital

detectors  
(ISO/FDIS 17636-2:2012)  
**Data Limite:** 2012-11-13

TC 122  
**prEN ISO 9241-154:2012**  
Ergonomics of human-system interaction - Part 154:  
Interactive voice response (IVR) applications  
(ISO/FDIS 9241-154:2012)  
**Data Limite:** 2012-11-27

TC 123  
**prEN ISO 19900:2012**  
Petroleum and natural gas industries General requirements  
for offshore structures  
(ISO/DIS 19900:2012)  
**Data Limite:** 2012-10-03

TC 124  
**prEN 14081-1:2012**  
Timber structures Strength graded structural timber with  
rectangular cross section Part 1: General requirements  
**Data Limite:** 2012-10-24

TC 125  
**prEN 845-1:2012**  
Specification for ancillary components for masonry Part  
1: Wall ties, tension straps, hangers and brackets  
**Data Limite:** 2013-02-20

TC 125  
**prEN 845-2:2012**  
Specification for ancillary components for masonry Part  
2: Lintels  
**Data Limite:** 2013-02-20

TC 125  
**prEN 845-3:2012**  
Specification for ancillary components for masonry Part  
3: Bed joint reinforcement of steel meshwork  
**Data Limite:** 2013-02-20

TC 126  
**prEN 16487:2012**  
Acoustics Test code for suspended ceilings Sound  
absorption  
**Data Limite:** 2013-02-20

TC 126  
**prEN ISO 12999-1:2012**  
Acoustics Determination and application of measurement  
uncertainties in building acoustics Part 1: Sound  
insulation  
(ISO/DIS 12999-1:2012)  
**Data Limite:** 2012-10-17

TC 126  
**prEN ISO 16251-1:2012**  
Acoustics Laboratory measurement of the reduction of  
transmitted impact noise by floor coverings on a small  
floor mock-up Part 1: Heavyweight compact floor  
(ISO/DIS 16251-1:2012)  
**Data Limite:** 2012-10-03

TC 127  
**prEN 13381-3:2012**  
Test methods for determining the contribution to the fire  
resistance of structural members Part 3: applied  
protection to concrete members  
**Data Limite:** 2012-10-03

TC 127  
**prEN 13381-4:2012**  
Test methods for determining the contribution to the fire

resistance of structural members Part 4: Applied passive protection to steel members

**Data Limite:** 2013-01-09

TC 127

**prEN 13381-8:2012**

Test methods for determining the contribution to the fire resistance of structural members Part 8: Applied reactive protection to steel members

**Data Limite:** 2013-01-09

TC 128

**prEN 502:2012**

Roofing products from metal sheet Specification for fully supported roofing products of stainless steel sheet

**Data Limite:** 2012-12-26

TC 128

**prEN 505:2012**

Roofing products from metal sheet Specification for fully supported roofing products of steel sheet

**Data Limite:** 2012-12-26

TC 128

**prEN 539-2:2012**

Clay roofing tiles for discontinuous laying Determination of physical characteristics Part 2: Test for frost resistance

**Data Limite:** 2013-02-13

TC 128

**prEN 14783:2012**

Fully supported metal sheet and strip for roofing, external cladding and internal lining Product specification and requirements

**Data Limite:** 2013-01-23

TC 129

**prEN 15682-1:2012**

Glass in building Heat soaked thermally toughened alkaline earth silicate safety glass Part 1: Definition and description

**Data Limite:** 2012-11-21

TC 129

**prEN 15682-2:2012**

Glass in building Heat soaked thermally toughened alkaline earth silicate safety glass Part 2: Evaluation of conformity/Product standard

**Data Limite:** 2012-11-21

TC 129

**prEN 15683-1:2012**

Glass in building Thermally toughened soda lime silicate channel shaped safety glass Part 1: Definition and description

**Data Limite:** 2012-11-21

TC 129

**prEN 15683-2:2012**

Glass in building Thermally toughened soda lime silicate channel shaped safety glass Part 2: Evaluation of conformity/Product standard

**Data Limite:** 2012-11-21

TC 129

**prEN 16477-1:2012**

Glass in building Painted glass for internal use Part 1: Requirements

**Data Limite:** 2013-01-23

TC 129

**prEN 16477-2:2012**

Glass in building Painted glass for internal use Part 2: Evaluation of conformity

**Data Limite:** 2013-01-23

TC 133

**prCEN/TS 13388:2012**

Copper and copper alloys Compendium of compositions and products

**Data Limite:** 2012-11-16

TC 133

**prEN 1977:2012**

Copper and copper alloys Copper drawing stock (wire rod)

**Data Limite:** 2012-10-23

TC 133

**prEN 12420:2012**

Copper and copper alloys Forgings

**Data Limite:** 2012-10-31

TC 134

**prEN 1307:2012**

Textile floor coverings Classification

**Data Limite:** 2013-01-30

TC 134

**EN ISO 24342:2012 /prA 1:2012**

Resilient and textile floor-coverings Determination of side length, edge straightness and squareness of tiles Amendment 1

(ISO 24342:2007/FDAM 1:2012)

**Data Limite:** 2012-11-16

TC 136

**prCEN/TR 16467:2012**

Playground equipment accessible for all children

**Data Limite:** 2012-11-02

TC 136

**prEN 748:2012**

Playing field equipment Football goals Functional and safety requirements, test methods

**Data Limite:** 2013-02-13

TC 136

**prEN 958:2012**

Mountaineering equipment Energy absorbing systems for use in klettersteig (via ferrata) climbing Safety requirements and test methods

**Data Limite:** 2013-02-27

TC 136

**prEN 1176-11:2012**

Playground equipment and surfacing Part 11: Additional specific safety requirements and test methods for spatial network

**Data Limite:** 2013-02-20

TC 136

**prEN 1809:2012**

Diving equipment Buoyancy compensators Functional and safety requirements, test methods

**Data Limite:** 2013-02-27

TC 136

**prEN 12503-1:2012**

Sports mats Part 1: Gymnastic mats, safety requirements

**Data Limite:** 2012-11-20

TC 136

**prEN 13451-10:2012**

Swimming pool equipment Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment

**Data Limite:** 2013-01-16

TC 136

**prEN 13451-11:2012**

Swimming pool equipment Part 11: Additional specific safety requirements and test methods for movable pool floors and movable bulkheads

**Data Limite:** 2013-01-16

TC 136

**EN 15649-6:2009 /prA 1:2012**

Floating leisure articles for use on and in the water Part 6: Additional specific safety requirements and test methods for Class D devices

**Data Limite:** 2013-02-13

TC 136

**EN 15649-1:2009+A1:2012 /prA 2:2012**

Floating leisure articles for use on and in the water Part 1: Classification, materials, general requirements and test methods

**Data Limite:** 2013-02-13

TC 136

**EN 15649-2:2009+A1:2012 /prA 2:2012**

Floating leisure articles for use on and in the water Part 2: Consumer information

**Data Limite:** 2013-02-06

TC 137

**prCEN/TR 13205-3:2012**

Workplace exposure Assessment of sampler performance for measurement of airborne particle concentrations Part 3: Analysis of sampling efficiency data

**Data Limite:** 2012-12-13

TC 137

**prEN 13936:2012**

Workplace exposure Procedures for measuring a chemical agent present as a mixture of airborne particles and vapour Requirements and test methods

**Data Limite:** 2012-12-19

TC 137

**prEN ISO 13137:2012**

Workplace atmospheres Pumps for personal sampling of chemical and biological agents Requirements and test methods

(ISO/DIS 13137:2012)

**Data Limite:** 2013-01-02

TC 138

**prEN ISO 3059:2012**

Non-destructive testing Penetrant testing and magnetic particle testing Viewing conditions

(ISO/FDIS 3059:2012)

**Data Limite:** 2012-11-20

TC 138

**prEN ISO 16946:2012**

Non-destructive testing Ultrasonic testing Specification for step wedge calibration block

(ISO/DIS 16946:2012)

**Data Limite:** 2012-12-19

TC 139

**prEN ISO 2813:2012**

Paints and varnishes Determination of specular gloss of non-metallic paint films at 20 degrees, 60 degrees and 85 degrees (ISO/DIS 2813:2012)

**Data Limite:** 2013-02-27

TC 139

**prEN ISO 3233-1:2012**

Paints and varnishes Determination of the percentage

volume of non-volatile matter Part 1: Method by weighing a coated test panel in air and in a liquid of known density (general method)

(ISO/FDIS 3233-1:2012)

**Data Limite:** 2012-11-27

TC 139

**prEN ISO 13803:2012**

Peintures et vernis Détermination du flou spéculaire sur des feuillets de peinture à 20 degrés

(ISO/DIS 13803:2012)

**Data Limite:** 2013-02-27

TC 139

**prEN ISO 15091:2012**

Paints and varnishes Determination of electrical conductivity and resistance

(ISO/FDIS 15091:2012)

**Data Limite:** 2012-10-16

TC 139

**prEN ISO 20567-3:2012**

Paints and varnishes Determination of stone-chip resistance of coatings Part 3: Single-impact test with a freeflying impact body

(ISO/FDIS 20567-3:2012)

**Data Limite:** 2012-11-27

TC 140

**prEN ISO 15189:2012**

Medical laboratories Requirements for quality and competence

(ISO/FDIS 15189:2012)

**Data Limite:** 2012-10-09

TC 140

**prEN ISO 16256:2012**

Clinical laboratory testing and in vitro diagnostic test systems Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases

(ISO/FDIS 16256:2012)

**Data Limite:** 2012-11-13

TC 142

**prEN 1807-1:2012**

Safety of woodworking machines Band sawing machines Part 1: Table band saws and band re-saws

**Data Limite:** 2012-12-12

TC 142

**prEN 1807-2:2012**

Safety of woodworking machines Band sawing machines Part 2: Log sawing machines

**Data Limite:** 2012-12-12

TC 142

**prEN 1870-3:2012**

Safety of woodworking machines Circular sawing machines Part 3: Down cutting cross-cut saws and dual purpose down cutting cross-cut saws/circular saw benches

**Data Limite:** 2013-01-30

TC 142

**prEN 12750:2012**

Safety of woodworking machines Four sided moulding machines

**Data Limite:** 2012-11-14

TC 144

**EN ISO 10517:2009 /prA 1:2012**

Powered hand-held hedge trimmers Safety

(ISO 10519:2009/DAM 1:2012)

**Data Limite:** 2012-11-07

TC 145

**prEN 289:2012**

Plastics and rubber machines Compression moulding machines and transfer moulding machines Safety requirements

**Data Limite:** 2013-01-09

TC 145

**prEN 16474:2012**

Plastics and rubber machines Tyre curing presses Safety requirements

**Data Limite:** 2013-01-16

TC 146

**prEN 415-6:2012**

Safety of packaging machines Part 6: Pallet wrapping machines

**Data Limite:** 2013-02-27

TC 147

**prEN 13001-3-2:2012**

Cranes General design Part 3-2: Limit states and proof of competence of wire ropes in reeving systems

**Data Limite:** 2013-02-27

TC 150

**EN 1755-:2000+A1:2009 /prA 2:2012**

Safety of industrial trucks Operation in potentially explosive atmospheres Use in flammable gas, vapour, mist and dust

**Data Limite:** 2012-12-19

TC 150

**prEN 16307-1:2012**

Industrial trucks Safety requirements and verification Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks

**Data Limite:** 2012-10-03

TC 150

**prEN 16307-5:2012**

Industrial trucks Safety requirements and verification Part 5: Supplementary requirements for pedestrianpropelled trucks

**Data Limite:** 2013-01-09

TC 151

**EN 474-1:2006+A1:2009 /prA 3:2012**

Earth-moving machinery Safety Part 1: General requirements

**Data Limite:** 2012-12-05

TC 153

**prEN 1674:2012**

Food processing machinery Dough sheeters Safety and hygiene requirements

**Data Limite:** 2012-11-07

TC 153

**prEN 12043:2012**

Food processing machinery Intermediate provers Safety and hygiene requirements

**Data Limite:** 2012-10-17

TC 153

**prEN 13871:2012**

Food processing machinery Cubes cutting machinery Safety and hygiene requirements

**Data Limite:** 2012-10-03

TC 154

**prEN 13450:2012**

Aggregates for railway ballast

**Data Limite:** 2012-11-21

TC 154

**prEN 16236:2012**

Evaluation of Conformity (EoC) of Aggregates Factory Production Control

**Data Limite:** 2012-12-26

TC 155

**prCEN/TS 14541:2012**

Plastics pipes and fittings Characteristics for utilisation of non-virgin PVC-U, PP and PE materials Complementary element

**Data Limite:** 2012-10-05

TC 155

**prEN 1796:2012**

Plastics piping systems for water supply with or without pressure Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP)

**Data Limite:** 2012-11-13

TC 155

**prEN 14364:2012**

Plastics piping systems for drainage and sewerage with or without pressure Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) Specifications for pipes, fittings and joints

**Data Limite:** 2012-11-13

TC 155

**prEN ISO 11296-7:2012**

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks Part 7: Lining with spirally-wound pipes (ISO 11296-7:2011)

**Data Limite:** 2012-12-26

TC 155

**prEN ISO 11297-1:2012**

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure Part 1: General (ISO/DIS 11297-1:2012)

**Data Limite:** 2012-10-17

TC 155

**prEN ISO 11297-3:2012**

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure Part 3: Lining with close-fit pipes (ISO/DIS 11297-3:2012)

**Data Limite:** 2012-10-17

TC 155

**prEN ISO 11299-1:2012**

Plastics piping systems for renovation of underground gas supply networks Part 1: General (ISO 11299-1:2011)

**Data Limite:** 2012-12-26

TC 155

**prEN ISO 11299-3:2012**

Plastics piping systems for renovation of underground gas supply networks Part 3: Lining with close-fit pipes (ISO 11299-3:2011)

**Data Limite:** 2012-12-26

TC 155

**prEN ISO 15874-1:2012**

Plastics piping systems for hot and cold water

installations Polypropylene (PP) Part 1: General  
(ISO/FDIS 15874-1:2012)

**Data Limite:** 2012-12-04

TC 156

**prEN 13142:2012**

Ventilation for buildings Components/products for residential ventilation Required and optional performance characteristics

**Data Limite:** 2012-11-21

TC 156

**prEN 16445:2012**

Ventilation for buildings Air diffusion Aerodynamic testing and rating for mixed flow application: non-isothermal procedure for cold jet

**Data Limite:** 2012-11-07

TC 158

**prEN 1080:2012**

Impact protection helmets for young children

**Data Limite:** 2012-11-06

TC 158

**prEN 16471:2012**

Firefighters helmets Helmets for wildland fire fighting

**Data Limite:** 2013-01-16

TC 158

**prEN 16473:2012**

Firefighters helmets Helmets for technical rescue

**Data Limite:** 2013-01-16

TC 161

**prCEN ISO/TR 18690:2012**

Guidance for the selection, use and maintenance of safety and occupational footwear and other personal protective equipment offering foot and leg protection (ISO/DTR 18690:2012)

**Data Limite:** 2012-11-16

TC 161

**prEN ISO 13287:2012**

Personal protective equipment Footwear Test method for slip resistance

(ISO/FDIS 13287:2012)

**Data Limite:** 2012-10-02

TC 161

**prEN ISO 20346:2012**

Personal protective equipment Protective footwear (ISO/DIS 20346:2012)

**Data Limite:** 2013-01-02

TC 162

**prEN 943-2:2012**

Protective clothing against solid, liquid and gaseous chemicals, including liquid and solid aerosols Part 2: Performance requirements for gas-tight (Type 1) chemical protective suits for emergency teams (ET)

**Data Limite:** 2013-02-13

TC 162

**prEN 1621-4:2012**

Motorcyclists' protective clothing against mechanical impact Part 4: Motorcyclists' inflatable protectors - Requirements and test methods

**Data Limite:** 2012-10-02

TC 162

**prEN 16448-1:2012**

Protective Clothing Body Armour Part 1: General requirements

**Data Limite:** 2012-11-14

TC 162

**prEN 16448-2:2012**

Protective Clothing Body Armour Part 2: Bullet resistance, requirements and test methods

**Data Limite:** 2012-11-14

TC 162

**prEN 16448-3:2012**

Protective Clothing Body Armour Part 3: Knife and Spike Resistance, Requirements and test methods

**Data Limite:** 2012-11-14

TC 162

**prEN ISO 15027-1:2012**

Immersion suits Part 1: Constant wear suits, requirements including safety (ISO/FDIS 15027-1:2012)

**Data Limite:** 2012-10-16

TC 162

**prEN ISO 15027-2:2012**

Immersion suits Part 2: Abandonment suits, requirements including safety

(ISO/FDIS 15027-2:2012)

**Data Limite:** 2012-10-16

TC 162

**prEN ISO 15027-3:2012**

Immersion suits Part 3: Test methods (ISO/FDIS 15027-3:2012)

**Data Limite:** 2012-10-16

TC 163

**prEN 35:2012**

Pedestal and wall-hung bidets with over-rim supply Connecting dimensions

**Data Limite:** 2013-01-16

TC 164

**prEN 900:2012**

Chemicals used for treatment of water intended for human consumption Calcium hypochlorite

**Data Limite:** 2013-02-27

TC 164

**prEN 901:2012**

Chemicals used for treatment of water intended for human consumption Sodium hypochlorite

**Data Limite:** 2013-02-20

TC 164

**prEN 1018:2012**

Chemicals used for treatment of water intended for human consumption Calcium carbonate

**Data Limite:** 2013-02-27

TC 164

**prEN 1487:2012**

Building valves Hydraulic safety groups Tests and requirements

**Data Limite:** 2013-02-20

TC 164

**prEN 12174:2012**

Chemicals used for treatment of water intended for human consumption - Sodium hexafluorosilicate

**Data Limite:** 2013-02-27

TC 164

**prEN 12175:2012**

Chemicals used for treatment of water intended for human consumption Hexafluorosilicic acid

**Data Limite:** 2013-02-27



TC 164

**prEN 12873-1:2012**

Influence of materials on water intended for human consumption Influence due to migration Part 1: Test method for factory-made products made from or incorporating organic or glassy (porcelain/vitreous enamel) materials

**Data Limite:** 2012-11-14

TC 164

**prEN 12911:2012**

Products used for treatment of water intended for human consumption Manganese greensand

**Data Limite:** 2013-02-13

TC 164

**prEN 15031:2012**

Chemicals used for treatment of swimming pool water Aluminium based coagulants

**Data Limite:** 2013-02-20

TC 164

**prEN 15072:2012**

Chemicals used for treatment of swimming pool water Sodium dichloroisocyanurate, anhydrous

**Data Limite:** 2013-02-27

TC 164

**prEN 15073:2012**

Chemicals used for treatment of swimming pool water Sodium dichloroisocyanurate, dihydrate

**Data Limite:** 2013-02-27

TC 164

**prEN 15075:2012**

Chemicals used for treatment of swimming pool water Sodium hydrogen carbonate

**Data Limite:** 2013-02-13

TC 164

**prEN 15076:2012**

Chemicals used for treatment of swimming pool water Sodium hydroxide

**Data Limite:** 2013-02-20

TC 164

**prEN 15077:2012**

Chemicals used for treatment of swimming pool water Sodium hypochlorite

**Data Limite:** 2013-02-13

TC 164

**prEN 15078:2012**

Chemicals used for treatment of swimming pool water Sulfuric acid

**Data Limite:** 2013-02-20

TC 164

**prEN 15768:2012**

GC-MS identification of water leachable organic substances from materials in contact with water intended for human consumption

**Data Limite:** 2012-11-14

TC 164

**prEN 16070:2012**

Products used for treatment of water intended for human consumption Natural Zeolite

**Data Limite:** 2013-01-30

TC 164

**prEN 16145:2012**

Sanitary tapware Extractable outlets for sink and basin

mixers General technical specification

**Data Limite:** 2012-10-09

TC 164

**prEN 16146:2012**

Sanitary tapware Extractable shower hoses for sanitary tapware for supply systems type 1 and type 2 General technical specification

**Data Limite:** 2012-10-09

TC 165

**prEN 295-1:2012**

Vitrified clay pipe systems for drains and sewers Part 1: Requirements for pipes, fittings and joints

**Data Limite:** 2012-10-30

TC 165

**prEN 295-2:2012**

Vitrified clay pipe systems for drains and sewers Part 2: Evaluation of conformity and sampling

**Data Limite:** 2012-10-30

TC 165

**prEN 295-4:2012**

Vitrified clay pipe systems for drains and sewers Part 4: Requirements for adaptors, connectors and flexible couplings

**Data Limite:** 2012-10-30

TC 165

**prEN 295-5:2012**

Vitrified clay pipe systems for drains and sewers Part 5: Requirements for perforated pipes and fittings

**Data Limite:** 2012-10-30

TC 165

**prEN 295-6:2012**

Vitrified clay pipes systems for drain and sewers Part 6: Requirements for components of manholes and inspection chambers

**Data Limite:** 2012-10-30

TC 165

**prEN 295-7:2012**

Vitrified clay pipe systems for drains and sewers Part 7: Requirements for pipes and joints for pipe jacking

**Data Limite:** 2012-10-30

TC 165

**prEN 1124-2:2012**

Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems Part 2: System S - Dimensions

**Data Limite:** 2013-01-23

TC 165

**prEN 12050-1:2012**

Wastewater lifting plants for buildings and sites Part 1: Lifting plants for wastewater containing faecal matter

**Data Limite:** 2013-02-27

TC 165

**prEN 12050-2:2012**

Wastewater lifting plants for buildings and sites Part 2: Lifting plants for faecal-free wastewater

**Data Limite:** 2013-02-27

TC 165

**prEN 12050-3:2012**

Wastewater lifting plants for buildings and sites Part 3: Lifting plants for limited applications

**Data Limite:** 2013-02-27

TC 165

**prEN 12050-4:2012**

Wastewater lifting plants for buildings and sites Part 4:  
Non-return valves for faecal-free wastewater and  
wastewater containing faecal matter

**Data Limite:** 2013-02-27

TC 165

**prEN 12566-6:2012**

Small wastewater treatment systems for up to 50 PT Part  
6: Prefabricated treatment units for septic tank effluent

**Data Limite:** 2012-11-06

TC 165

**prEN 14654-1:2012**

Management and control of operational activities in  
drain and sewer systems outside buildings Part 1:  
Cleaning

**Data Limite:** 2013-01-09

TC 165

**prEN 14654-2:2012**

Management and control of cleaning operations in drains  
and sewers Part 2: Rehabilitation

**Data Limite:** 2012-10-16

TC 166

**EN 1859:2009 /prA 1:2012**

Chimneys Metal chimneys Test methods

**Data Limite:** 2013-01-23

TC 166

**prEN 16475-7:2012**

Chimneys Accessories Part 7: Rain caps - Requirements  
and test methods

**Data Limite:** 2013-01-16

TC 168

**prEN ISO 16841:2012**

Steel wire ropes Pulling eyes for rope installation  
Types and minimum requirements  
(ISO/DIS 16841:2012)

**Data Limite:** 2013-01-30

TC 169

**prEN 16237:2012**

Classification of non-electrical sources of incoherent  
optical radiation

**Data Limite:** 2012-10-30

TC 169

**prEN 16268:2012**

Performance of reflecting surfaces for luminaires

**Data Limite:** 2012-10-30

TC 169

**prEN 16276:2012**

Evacuation Lighting in Road Tunnels

**Data Limite:** 2012-10-30

TC 170

**prEN ISO 8598-1:2012**

Optics and optical instruments Focimeters Part 1:  
General purpose instruments  
(ISO/FDIS 8598-1:2012)

**Data Limite:** 2012-11-13

TC 170

**prEN ISO 8980-3:2012**

Ophthalmic optics Uncut finished spectacle lenses Part  
3: Transmittance specifications and test methods  
(ISO/DIS 8980-3:2012)

**Data Limite:** 2012-10-16

TC 170

**prEN ISO 10341:2012**

Ophthalmic instruments Refractor heads  
(ISO/FDIS 10341:2012)

**Data Limite:** 2012-12-13

TC 170

**prEN ISO 10685-2:2012**

Ophthalmic optics Spectacle frames and sunglasses  
electronic catalogue and identification Part 2:  
Commercial information

(ISO/FDIS 10685-2:2012)

**Data Limite:** 2012-11-06

TC 170

**prEN ISO 10685-3:2012**

Ophthalmic optics Spectacle frames and sunglasses  
electronic catalogue and identification Part 3: Technical  
information  
(ISO/FDIS 10685-3:2012)

**Data Limite:** 2012-11-06

TC 170

**prEN ISO 11979-2:2012**

Ophthalmic implants Intraocular lenses Part 2: Optical  
properties and test methods  
(ISO/DIS 11979-2:2012)

**Data Limite:** 2012-12-05

TC 170

**prEN ISO 11979-3:2012**

Ophthalmic implants Intraocular lenses Part 3:  
Mechanical properties and test methods  
(ISO/FDIS 11979-3:2012)

**Data Limite:** 2012-11-13

TC 170

**prEN ISO 11979-7:2012**

Ophthalmic implants Intraocular lenses Part 7: Clinical  
investigations  
(ISO/DIS 11979-7:2012)

**Data Limite:** 2012-11-21

TC 170

**prEN ISO 11980:2012**

Ophthalmic optics Contact lenses and contact lens care  
products Guidance for clinical investigations  
(ISO/FDIS 11980:2012)

**Data Limite:** 2012-10-26

TC 170

**prEN ISO 18369-2:2012**

Ophthalmic optics Contact lenses Part 2: Tolerances  
(ISO/FDIS 18369-2:2012)

**Data Limite:** 2012-11-09

TC 170

**prEN ISO 22665:2012**

Ophthalmic optics and instruments Instruments to measure  
axial distances in the eye  
(ISO/FDIS 22665:2012)

**Data Limite:** 2012-11-13

TC 171

**prEN 834:2012**

Heat cost allocators for the determination of the  
consumption of room heating radiators Appliances with  
electrical energy supply

**Data Limite:** 2012-11-27

TC 172

**prEN 643:2012**

Paper and board European list of standard grades of  
paper and board for recycling

**Data Limite:** 2013-01-09

TC 172

**prEN 16453:2012**

Pulp, paper and paperboard Determination of phthalates in extracts from paper and paperboard

**Data Limite:** 2012-11-21

TC 172

**prEN ISO 12625-11:2012**

Tissue paper and tissue products Part 11: Determination of wet ball burst strength ~ (ISO/FDIS 12625-11:2012)

**Data Limite:** 2012-11-20

TC 175

**prEN 16449:2012**

Wood and wood-based products Calculation of sequestration of atmospheric carbon dioxide

**Data Limite:** 2012-11-14

TC 175

**prEN 16481:2012**

Timber stairs Structural design Calculation method

**Data Limite:** 2013-01-30

TC 175

**prEN 16485:2012**

Round and sawn timber Environmental Product Declarations Product category rules for wood and wood-based products for use in construction

**Data Limite:** 2013-02-13

TC 181

**EN 1949:2011 /prA 1:2012**

Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles

**Data Limite:** 2012-11-23

TC 181

**prEN 16436:2012**

Rubber and plastic hoses and tubings for use with propane, butane and their mixtures in the vapour phase

**Data Limite:** 2012-10-17

TC 185

**prEN ISO 898-1:2012**

Mechanical properties of fasteners made of carbon steel and alloy steel Part 1: Bolts, screws and studs with specified property classes - Coarse thread and fine pitch thread (ISO/FDIS 898-1:2012)

**Data Limite:** 2012-12-13

TC 185

**prEN ISO 4032:2012**

Hexagon nuts, style 1 Product grades A and B (ISO/FDIS 4032:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 4033:2012**

Hexagon nuts, style 2 Product grades A and B (ISO/FDIS 4033:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 4034:2012**

Hexagon nuts Product grade C (ISO/FDIS 4034:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 4035:2012**

Hexagon thin nuts (chamfered) Product grades A and B (ISO/FDIS 4035:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 4036:2012**

Hexagon thin nuts (unchamfered) Product grade B (ISO/FDIS 4036:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 7040:2012**

Prevailing torque type hexagon nuts (with non-metallic insert), style 1 Property classes 5, 8 and 10 (ISO/FDIS 7040:2012)

**Data Limite:** 2012-11-02

TC 185

**prEN ISO 7042:2012**

Prevailing torque type all-metal hexagon nuts, style 2 Property classes 5, 8, 10 and 12 (ISO/FDIS 7042:2012)

**Data Limite:** 2012-11-02

TC 185

**prEN ISO 7719:2012**

Prevailing torque type all-metal hexagon nuts, style 1 Property classes 5, 8 and 10 (ISO/FDIS 7719:2012)

**Data Limite:** 2012-11-02

TC 185

**prEN ISO 8673:2012**

Hexagon nuts, style 1, with metric fine pitch thread Product grades A and B (ISO/FDIS 8673:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 8674:2012**

Hexagon nuts, style 2, with metric fine pitch thread Product grades A and B (ISO/FDIS 8674:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 8675:2012**

Hexagon thin nuts (chamfered) with metric fine pitch thread Product grades A and B (ISO/FDIS 8675:2012)

**Data Limite:** 2012-10-12

TC 185

**prEN ISO 10511:2012**

Prevailing torque type hexagon thin nuts (with non-metallic insert) (ISO/FDIS 10511:2012)

**Data Limite:** 2012-11-02

TC 185

**prEN ISO 10512:2012**

Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread Property classes 6, 8 and 10 (ISO/FDIS 10512:2012)

**Data Limite:** 2012-11-02

TC 185

**prEN ISO 10513:2012**

Prevailing torque type all-metal hexagon nuts, style 2, with metric fine pitch thread Property classes 8, 10 and 12 (ISO/FDIS 10513:2012)

**Data Limite:** 2012-10-12

TC 187  
**prEN ISO 1927-2:2012**  
Monolithic (unshaped) refractory products Part 2:  
Sampling for testing  
(ISO/FDIS 1927-2:2012)  
**Data Limite:** 2012-11-13

TC 187  
**prEN ISO 1927-3:2012**  
Monolithic (unshaped) refractory products Part 3:  
Characterization as received  
(ISO/FDIS 1927-3:2012)  
**Data Limite:** 2012-11-13

TC 187  
**prEN ISO 1927-4:2012**  
Monolithic (unshaped) refractory products Part 4:  
Determination of consistency of castables  
(ISO/FDIS 1927-4:2012)  
**Data Limite:** 2012-11-13

TC 187  
**prEN ISO 1927-5:2012**  
Monolithic (unshaped) refractory products Part 5:  
Preparation and treatment of test pieces  
(ISO/FDIS 1927-5:2012)  
**Data Limite:** 2012-11-13

TC 187  
**prEN ISO 1927-6:2012**  
Monolithic (unshaped) refractory products Part 6:  
Measurement of physical properties  
(ISO/FDIS 1927-6:2012)  
**Data Limite:** 2012-11-13

TC 187  
**prEN ISO 1927-7:2012**  
Monolithic (unshaped) refractory products Part 7: Tests  
on pre-formed shapes  
(ISO/FDIS 1927-7:2012)  
**Data Limite:** 2012-11-13

TC 187  
**prEN ISO 1927-8:2012**  
Monolithic (unshaped) refractory products Part 8:  
Determination of complementary properties  
(ISO/FDIS 1927-8:2012)  
**Data Limite:** 2012-11-20

TC 188  
**prEN ISO 284:2012**  
Conveyor belts Electrical conductivity Specification and  
test method  
(ISO/FDIS 284:2012)  
**Data Limite:** 2012-11-09

TC 188  
**prEN ISO 340:2012**  
Conveyor belts Laboratory scale flammability  
characteristics Requirements and test method  
(ISO/FDIS 340:2012)  
**Data Limite:** 2012-12-20

TC 188  
**prEN ISO 14890:2012**  
Conveyor belts Specification for rubber- or  
plastics-covered conveyor belts of textile construction  
for general use  
(ISO/FDIS 14890:2012)  
**Data Limite:** 2012-12-20

TC 188  
**prEN ISO 15147:2012**

Light conveyor belts Tolerances on widths and lengths of  
cut light conveyor belts  
(ISO/FDIS 15147:2012)  
**Data Limite:** 2012-11-09

TC 189  
**prEN 14574:2012**  
Geosynthetics Determination of the pyramid puncture  
resistance of supported geosynthetics  
**Data Limite:** 2012-12-26

TC 190  
**prEN 16482:2012**  
Founding Continuous cast iron bars  
**Data Limite:** 2013-02-13

TC 192  
**EN 1846-2:2009 /prA 1:2012**  
Firefighting and rescue service vehicles Part 2: Common  
requirements - Safety and performance  
**Data Limite:** 2012-11-07

TC 193  
**prEN 828:2012**  
Adhesives Wettability Determination by measurement of  
contact angle and surface free energy of solid surface  
**Data Limite:** 2012-10-23

TC 193  
**prEN 1242:2012**  
Adhesives Determination of isocyanate content  
**Data Limite:** 2012-12-12

TC 193  
**prEN 13992-2:2012**  
Adhesives Short term method for measuring the emission  
properties of low-solvent or solvent-free adhesives after  
application Part 2: Determination of volatile organic  
compounds  
**Data Limite:** 2012-11-28

TC 193  
**prEN 13999-1:2012**  
Adhesives Short term method for measuring the emission  
properties of low-solvent or solvent-free adhesives after  
application Part 1: General procedure  
**Data Limite:** 2012-11-28

TC 195  
**prEN ISO 10121-1:2012**  
Test method for assessing the performance of gas-phase  
air cleaning media and devices for general ventilation  
Part 1: Gas-phase air cleaning media  
(ISO/DIS 10121-1:2012)  
**Data Limite:** 2012-10-03

TC 197  
**prEN 16480:2012**  
Pumps Minimum required efficiency of rotodynamic  
water pumps  
**Data Limite:** 2013-01-23

TC 203  
**prCEN/TR 16470:2012**  
Environmental aspects of ductile iron pipe systems for  
water and sewerage aspects applications  
**Data Limite:** 2012-10-09

TC 204  
**prEN ISO 11135:2012**  
Sterilization of health-care products Ethylene oxide  
Requirements for the development, validation and routine  
control of a sterilization process for medical devices  
(ISO/DIS 11135:2012)

**Data Limite:** 2012-11-20

TC 204

**EN ISO 11137-1:2006 /prA 1:2012**

Sterilization of health care products Radiation Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 11137-1:2006/Amd.1:2012)

**Data Limite:** 2012-10-03

TC 205

**prEN 14683:2012**

Medical face masks Requirements and test methods

**Data Limite:** 2012-10-10

TC 205

**prEN ISO 4074:2012**

Natural latex rubber condoms Requirements and test methods (ISO/DIS 4074:2012)

**Data Limite:** 2012-10-17

TC 207

**EN 716-1:2008 /prA 1:2012**

Furniture Children's cots and folding cots for domestic use Part 1: Safety requirements

**Data Limite:** 2012-10-16

TC 207

**EN 716-2:2008 /prA 1:2012**

Furniture Children's cots and folding cots for domestic use Part 2: Test methods

**Data Limite:** 2012-10-16

TC 207

**prEN 1729-1:2012**

Furniture Chairs and tables for educational institutions Part 1: Functional dimensions

**Data Limite:** 2013-01-09

TC 211

**prEN ISO 11200:2012**

Acoustics Noise emitted by machinery and equipment Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions (ISO/DIS 11200:2012)

**Data Limite:** 2012-10-24

TC 212

**prEN 16256-3:2012**

Pyrotechnic articles Theatrical pyrotechnic articles Part 3: Requirements for construction and performance

**Data Limite:** 2012-10-02

TC 212

**prEN 16256-4:2012**

Pyrotechnic articles Theatrical pyrotechnic articles Part 4: Minimum labelling requirements and instructions for use

**Data Limite:** 2012-10-02

TC 212

**prEN 16256-5:2012**

Pyrotechnic articles Theatrical pyrotechnic articles Part 5: Test methods

**Data Limite:** 2012-10-02

TC 212

**prEN 16261-2:2012**

Pyrotechnic articles Fireworks, Category 4 Part 2: Requirements

**Data Limite:** 2012-10-23

TC 215

**prEN ISO 5356-2:2012**

Anaesthetic and respiratory equipment Conical connectors Part 2: Screw-threaded weight-bearing connectors (ISO/FDIS 5356-2:2012)

**Data Limite:** 2012-10-26

TC 215

**prEN ISO 11197:2012**

Medical supply units (ISO/DIS 11197:2012)

**Data Limite:** 2012-10-31

TC 215

**prEN ISO 80601-2-13:2012**

Medical electrical equipment Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation (ISO 80601-2-13:2011)

**Data Limite:** 2012-10-17

TC 216

**EN 1650:2008 /prA 1:2012**

Chemical disinfectants and antiseptics Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas Test method and requirements (phase 2, step 1)

**Data Limite:** 2013-02-27

TC 216

**prEN 12353:2012**

Chemical disinfectants and antiseptics Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity

**Data Limite:** 2012-11-13

TC 216

**prEN 13697:2012**

Chemical disinfectants and antiseptics Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas Test method and requirements without mechanical action (phase 2, step 2)

**Data Limite:** 2012-11-07

TC 216

**prEN 16437:2012**

Chemical disinfectants and antiseptics Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in veterinary area on porous surfaces without mechanical action Test method and requirements (phase 2, step2)

**Data Limite:** 2012-10-17

TC 216

**prEN 16438:2012**

Chemical disinfectants and antiseptics Quantitative surface test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action - (phase 2, step 2)

**Data Limite:** 2012-10-17

TC 218

**prEN ISO 6808:2012**

Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids Specification

(ISO/DIS 6808:2012)

**Data Limite:** 2013-01-23

TC 219

**prEN 12473:2012**

General principles of cathodic protection in seawater

**Data Limite:** 2012-11-28

TC 219

**prEN ISO 13174:2012**

Cathodic protection of harbour installations

(ISO/FDIS 13174:2012)

**Data Limite:** 2012-11-27

TC 226

**prEN 1317-4:2012**

Road restraint systems Part 4: Performance classes, impact test acceptance criteria and test methods for transitions and removable barrier sections

**Data Limite:** 2012-11-14

TC 226

**prEN 1317-7:2012**

Road restraint systems Part 7: Performance classes, impact test acceptance criteria and test methods for terminals of safety barriers

**Data Limite:** 2012-11-14

TC 226

**EN 12899-1:2007 /prA 1:2012**

Fixed, vertical road traffic signs Part 1: Fixed signs

**Data Limite:** 2013-02-20

TC 226

**EN 12899-2:2007 /prA 1:2012**

Fixed, vertical road traffic signs Part 2: Transilluminated traffic bollards (TTB)

**Data Limite:** 2013-02-20

TC 226

**EN 12899-3:2007 /prA 1:2012**

Fixed, vertical road traffic signs Part 3: Delineator posts and retroreflectors

**Data Limite:** 2013-02-20

TC 226

**EN 12899-4:2007 /prA 1:2012**

Fixed, vertical road traffic signs Part 4: Factory production control

**Data Limite:** 2013-03-20

TC 226

**EN 12899-5:2007 /prA 1:2012**

Fixed, vertical road traffic signs Part 5: Initial type testing

**Data Limite:** 2013-02-20

TC 226

**prEN 12899-6:2012**

Fixed, vertical road traffic signs Part 6: Performance of retroreflective sign face materials

**Data Limite:** 2013-02-20

TC 227

**prEN 12697-3:2012**

Bituminous mixtures Test methods for hot mix asphalt Part 3: Bitumen recovery: Rotary evaporator

**Data Limite:** 2013-02-27

TC 227

**prEN 13877-1:2012**

Concrete pavements Part 1: Materials

**Data Limite:** 2013-01-09

TC 227

**prEN 13877-2:2012**

Concrete pavements Part 2: Functional requirements for concrete pavements

**Data Limite:** 2013-01-09

TC 229

**prEN 13369:2012**

Common rules for precast concrete products

**Data Limite:** 2012-11-20

TC 229

**EN 15037-4:2010 /prA 1:2012**

Precast concrete products Beam-and-block floor systems Part 4: Expanded polystyrene blocks

**Data Limite:** 2013-02-13

TC 229

**prEN 15037-5:2012**

Precast concrete products Beam-and-block floor systems Part 5: Lightweight blocks for simple formwork

**Data Limite:** 2012-11-20

TC 230

**prEN 16164:2012**

Water quality Guidance standard for designing and selecting taxonomic keys

**Data Limite:** 2012-10-23

TC 230

**prEN 16479-1:2012**

Water quality Performance requirements and conformity test procedures for water monitoring equipment Part 1: Automated sampling devices (samplers) for water and waste water

**Data Limite:** 2013-01-23

TC 230

**prEN ISO 5667-3:2012**

Water quality Sampling Part 3: Preservation and handling of water samples

(ISO/FDIS 5667-3:2012)

**Data Limite:** 2012-11-06

TC 230

**prEN ISO 6341:2012**

Water quality Determination of the inhibition of the mobility of Daphnia magna Straus (Cladocera, Crustacea) Acute toxicity test

(ISO/FDIS 6341:2012)

**Data Limite:** 2012-10-02

TC 230

**prEN ISO 7827:2012**

Water quality Evaluation of the "ready", "ultimate" aerobic biodegradability of organic compounds in an aqueous medium Method by analysis of dissolved organic carbon (DOC)

(ISO 7827:2010)

**Data Limite:** 2012-11-07

TC 230

**prEN ISO 10710:2012**

Water quality Growth inhibition test with the marine and brackish water macroalga Ceramium tenuicorne

(ISO 10710:2010)

**Data Limite:** 2012-12-13

TC 230

**prEN ISO 11206:2012**

Water quality Determination of dissolved bromate Method using ion chromatography (IC) and post column reaction (PCR)

(ISO 11206:2011)

**Data Limite:** 2013-01-09

TC 230

**prEN ISO 19250:2012**

Water quality Detection of Salmonella spp.  
(ISO 19250:2010)

**Data Limite:** 2013-02-20

TC 231

**prEN 12786:2012**

Safety of machinery Rules for the drafting of the  
vibration clauses of safety standards

**Data Limite:** 2012-11-21

TC 239

**prEN 13718-2:2012**

Medical vehicles and their equipment Air ambulances  
Part 2: Operational and technical requirements of air  
ambulances

**Data Limite:** 2013-01-23

TC 240

**prEN 15339-1:2012**

Thermal spraying Safety requirements for thermal  
spraying equipment Part 1: General requirements

**Data Limite:** 2012-11-07

TC 240

**prEN 15339-3:2012**

Thermal spraying Safety requirements for thermal  
spraying equipment Part 3: Torches for thermal spraying  
and their connection and supply units

**Data Limite:** 2012-11-07

TC 240

**prEN 15339-4:2012**

Thermal spraying Safety requirements for thermal  
spraying equipment Part 4: Gas and liquid fuel supply

**Data Limite:** 2012-11-07

TC 240

**prEN 15339-5:2012**

Thermal spraying Safety requirements for thermal  
spraying equipment Part 5: Powder and wire feed units

**Data Limite:** 2012-11-07

TC 240

**prEN ISO 14919:2012**

Thermal spraying Wires, rods and cords for flame and arc  
spraying Classification; Technical supply conditions  
(ISO/DIS 14919:2012)

**Data Limite:** 2013-02-13

TC 240

**prEN ISO 14920:2012**

Thermal spraying Spraying and fusing of self-fluxing  
alloys  
(ISO/DIS 14920:2012)

**Data Limite:** 2012-11-28

TC 242

**prEN 12397:2012**

Safety requirements for cableway installations designed  
to carry persons - Operation Operation

**Data Limite:** 2012-10-10

TC 242

**prEN 13796-1:2012**

Safety requirements for cableway installations to carry  
personnes Carriers Part 1: Grips, carriers trucks,  
onboard brakes,cabins,chairs, carriages,maintenance  
carriers,tow-hangers

**Data Limite:** 2012-11-07

TC 242

**prEN 13796-2:2012**

Safety requirements for cableway installations designed to  
carry persons Carriers Part 2: Slipping resistance tests for  
grips

**Data Limite:** 2012-10-10

TC 242

**prEN 13796-3:2012**

Safety requirements for cableway installations designed to  
carry persons Carriers Part 3: Fatigue tests

**Data Limite:** 2012-10-10

TC 246

**prEN 14617-1:2012**

Agglomerated stone Test methods Part 1: Determination  
of apparent density and water absorption

**Data Limite:** 2013-01-30

TC 246

**prEN 14617-13:2012**

Agglomerated stone Test methods Part 13: Determination  
of electrical resistivity

**Data Limite:** 2013-01-30

TC 246

**prEN 16306:2012**

Natural stone test methods Determination of resistance  
of marble to thermal and moisture cycles

**Data Limite:** 2012-11-06

TC 248

**prEN ISO 105-E01:2012**

Textiles Tests for colour fastness Part E01: Colour  
fastness to water  
(ISO/FDIS 105-E01:2012)

**Data Limite:** 2012-12-13

TC 248

**prEN ISO 105-E02:2012**

Textiles Tests for colour fastness Part E02: Colour  
fastness to sea water  
(ISO/FDIS 105-E02:2012)

**Data Limite:** 2012-11-13

TC 248

**prEN ISO 105-E04:2012**

Textiles Tests for colour fastness Part E04: Colour  
fastness to perspiration  
(ISO/FDIS 105-E04:2012)

**Data Limite:** 2012-12-13

TC 248

**prEN ISO 2076:2012**

Textiles Man-made fibres Generic names  
(ISO/DIS 2076:2012)

**Data Limite:** 2012-12-19

TC 248

**prEN ISO 16373-2:2012**

Textiles Dyestuffs Part 2: General method for the  
determination of extractable dyestuffs including  
allergenic and carcinogenic substances  
(ISO/DIS 16373-2:2012)

**Data Limite:** 2012-10-03

TC 248

**prEN ISO 20743:2012**

Textiles Determination of antibacterial activity of textile  
products  
(ISO/DIS 20743:2012)

**Data Limite:** 2012-10-24

TC 249

**EN 438-9:2010 /prA 1:2012**

High-pressure decorative laminates (HPL) Sheets based on thermosetting resins (usually called laminates) Part 9 : Classification and specifications for alternative core laminates

**Data Limite:** 2012-11-07

TC 249

**prEN 12814-3:2012**

Testing of welded joints in thermoplastics semi-finished products Part 3: Tensile creep test

**Data Limite:** 2012-11-21

TC 249

**prEN 15534-1:2012**

Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) Part 1: Test methods for characterisation of compounds and products

**Data Limite:** 2013-01-16

TC 249

**prEN 15534-4:2012**

Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) Part 4: Specifications for decking profiles and tiles

**Data Limite:** 2013-01-16

TC 249

**prEN 15534-5:2012**

Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) Part 5: Specifications for cladding profiles and tiles

**Data Limite:** 2013-01-16

TC 249

**prEN 16465:2012**

Plastics Calibration method of black-standard and white-standard thermometers and black-panel and whitepanel thermometers for use in natural and artificial weathering

**Data Limite:** 2012-12-19

TC 249

**prEN 16472:2012**

Plastics Method for accelerated photoageing using medium pressure mercury vapour lamps

**Data Limite:** 2013-01-16

TC 249

**prEN ISO 294-5:2012**

Plastics Injection moulding of test specimens of thermoplastic materials Part 5: Preparation of standard specimens for investigating anisotropy (ISO 294-5:2011)

**Data Limite:** 2012-11-21

TC 249

**prEN ISO 1874-2:2012**

Plastics Polyamide (PA) moulding and extrusion materials Part 2: Preparation of test specimens and determination of properties (ISO/FDIS 1874-2:2012)

**Data Limite:** 2012-10-30

TC 249

**prEN ISO 5659-2:2012**

Plastics Smoke generation Part 2: Determination of optical density by a single-chamber test (ISO/FDIS 5659-2:2012)

**Data Limite:** 2012-10-30

TC 249

**prEN ISO 5999:2012**

Flexible cellular polymeric materials Polyurethane foam for load-bearing applications excluding carpet underlay Specification

(ISO/DIS 5999:2012)

**Data Limite:** 2013-01-02

TC 249

**prEN ISO 7792-1:2012**

Plastics Thermoplastic polyester (TP) moulding and extrusion materials Part 1: Designation system and basis for specifications

(ISO/FDIS 7792-1:2012)

**Data Limite:** 2012-10-23

TC 249

**prEN ISO 7792-2:2012**

Plastics Thermoplastic polyester (TP) moulding and extrusion materials Part 2: Preparation of test specimens and determination of properties

(ISO/FDIS 7792-2:2012)

**Data Limite:** 2012-10-23

TC 249

**prEN ISO 11357-3:2012**

Plastics Differential scanning calorimetry (DSC) Part 3: Determination of temperature and enthalpy of melting and crystallization

(ISO 11357-3:2011)

**Data Limite:** 2012-11-21

TC 249

**prEN ISO 11357-4:2012**

Plastics Differential scanning calorimetry (DSC) Part 4: Determination of specific heat capacity (ISO 11357-4:2005)

**Data Limite:** 2012-11-21

TC 249

**prEN ISO 11357-6:2012**

Plastics Differential scanning calorimetry (DSC) Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT)

(ISO 11357-6:2008)

**Data Limite:** 2012-11-21

TC 249

**prEN ISO 11357-7:2012**

Plastics Differential scanning calorimetry (DSC) Part 7: Determination of crystallization kinetics (ISO 11357-7:2002)

**Data Limite:** 2012-11-21

TC 249

**prEN ISO 11963:2012**

Plastics Polycarbonate sheets Types, dimensions and characteristics (ISO/FDIS 11963:2012)

**Data Limite:** 2012-10-30

TC 249

**prEN ISO 14855-1:2012**

Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions Method by analysis of evolved carbon dioxide Part 1: General method (ISO/FDIS 14855-1:2012)

**Data Limite:** 2012-10-12

TC 249

**prEN ISO 14910-1:2012**



Plastics Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion Part 1: Designation system and basis for specification (ISO/FDIS 14910-1:2012)

**Data Limite:** 2012-10-30

TC 249

**prEN ISO 14910-2:2012**

Plastics Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion Part 2: Preparation of test specimens and determination of properties

(ISO/FDIS 14910-2:2012)

**Data Limite:** 2012-10-16

TC 249

**prEN ISO 15527:2012**

Plastics Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD) Requirements and test methods (ISO 15527:2010)

**Data Limite:** 2013-01-23

TC 249

**prEN ISO 16396-1:2012**

Plastics Polyamide (PA) moulding and extrusion materials Part 1: Designation system, marking of products and basis for specification

(ISO/DIS 16396-1:2012)

**Data Limite:** 2012-11-14

TC 249

**prEN ISO 17855-1:2012**

Plastics Polyethylene (PE) moulding and extrusion materials Part 1: Designation system and basis for specifications

(ISO/DIS 17855-1:2012)

**Data Limite:** 2012-11-14

TC 249

**prEN ISO 19712-1:2012**

Plastics Decorative solid surfacing materials Part 1: Classification and specifications (ISO 19712-1:2008)

**Data Limite:** 2012-11-21

TC 249

**prEN ISO 19712-2:2012**

Plastics Decorative solid surfacing materials Part 2: Determination of properties - Sheet goods (ISO 19712-2:2007)

**Data Limite:** 2012-11-21

TC 249

**prEN ISO 19712-3:2012**

Plastics Decorative solid surfacing materials Part 3: Determination of properties - Solid surface shapes (ISO 19712-3:2007)

**Data Limite:** 2012-11-21

TC 251

**prEN ISO 11073-10406:2012**

Health informatics Personal health device communication Part 10406: Device specialization - Basic electrocardiograph (ECG) (1- to 3-lead ECG)

(ISO/FDIS 11073-10406:2012)

**Data Limite:** 2012-10-31

TC 251

**prEN ISO 13119:2012**

Health informatics Clinical knowledge resources Metadata

(ISO/FDIS 13119:2012)

**Data Limite:** 2012-10-02

TC 251

**prEN ISO 18104:2012**

Health informatics Categorical structures for representation of nursing diagnoses and nursing actions in terminological systems

(ISO/DIS 18104:2012)

**Data Limite:** 2013-01-23

TC 251

**prEN ISO 21549-2:2012**

Health informatics Patient healthcard data Part 2: Common objects

(ISO/DIS 21549-2:2012)

**Data Limite:** 2012-11-28

TC 251

**prEN ISO 21549-3:2012**

Health informatics Patient healthcard data Part 3: Limited clinical data

(ISO/DIS 21549-3:2012)

**Data Limite:** 2012-11-28

TC 251

**prEN ISO 21549-4:2012**

Health informatics Patient healthcard data Part 4: Extended clinical data

(ISO/DIS 21549-4:2012)

**Data Limite:** 2012-11-28

TC 254

**prEN 495-5:2012**

Flexible sheets for waterproofing Determination of foldability at low temperature Part 5: Plastic and rubber sheets for roof waterproofing

**Data Limite:** 2013-02-27

TC 254

**prEN 1109:2012**

Flexible sheets for waterproofing Bitumen sheets for roof waterproofing Determination of flexibility at low temperature

**Data Limite:** 2013-02-13

TC 254

**prEN 1844:2012**

Flexible sheets for waterproofing Determination of resistance to ozone Plastic and rubber sheets for roof waterproofing

**Data Limite:** 2013-02-27

TC 254

**prEN 12311-2:2012**

Flexible sheets for waterproofing Determination of tensile properties Part 2: Plastic and rubber sheets for roof waterproofing

**Data Limite:** 2013-02-27

TC 254

**prEN 12316-2:2012**

Flexible sheets for waterproofing Determination of peel resistance of joints Part 2: Plastic and rubber sheets for roof waterproofing

**Data Limite:** 2013-02-27

TC 254

**prEN 13707:2012**

Flexible sheets for waterproofing Reinforced bitumen sheets for roof waterproofing Definitions and characteristics

**Data Limite:** 2012-10-10

TC 254

**prEN 13984:2012**

Flexible sheets for waterproofing Plastic and rubber

vapour control layers Definitions and characteristics  
**Data Limite:** 2012-11-07

TC 255  
**prEN ISO 11148-3:2012**  
Hand-held non-electric power tools Safety requirements  
Part 3: Drills and tappers  
(ISO/FDIS 11148-3:2012)  
**Data Limite:** 2012-11-16

TC 255  
**prEN ISO 11148-4:2012**  
Hand-held non-electric power tools Safety requirements  
Part 4: Non-rotary percussive power tools  
(ISO/FDIS 11148-4:2012)  
**Data Limite:** 2012-11-16

TC 255  
**prEN ISO 11148-6:2012**  
Hand-held non-electric power tools Safety requirements  
Part 6: Assembly power tools for threaded fasteners  
(ISO/FDIS 11148-6:2012)  
**Data Limite:** 2012-11-16

TC 255  
**prEN ISO 11148-12:2012**  
Hand-held non-electric power tools Safety requirements  
Part 12: Circular, oscillating and reciprocating saws  
(ISO/FDIS 11148-12:2012)  
**Data Limite:** 2012-11-13

TC 256  
**prEN 13848-6:2012**  
Railway applications Track - Track geometry quality Part  
6: Characterisation of track geometry quality  
**Data Limite:** 2012-10-10

TC 256  
**prEN 14531-1:2012**  
Railway applications Methods for calculation of stopping  
and slowing distances and immobilisation braking Part 1:  
General algorithms utilizing mean value calculation for  
train sets or single vehicles  
**Data Limite:** 2012-12-12

TC 256  
**prEN 14531-2:2012**  
Railway applications Methods for calculation of stopping  
and slowing distances and immobilisation braking Part 2:  
Step by step calculations for train sets or single vehicles  
**Data Limite:** 2012-12-12

TC 256  
**prEN 14535-3:2012**  
Railway applications Brake discs for railway rolling stock  
Part 3: Brake discs, performance of the disc and the  
friction couple, classification  
**Data Limite:** 2012-10-24

TC 256  
**prEN 15153-2:2012**  
Railway applications External visible and audible  
warning devices for trains Part 2: Warning horns  
**Data Limite:** 2012-10-09

TC 256  
**prEN 15273-1:2012**  
Railway applications Gauges Part 1: General - Common  
rules for infrastructure and rolling stock  
**Data Limite:** 2012-11-14

TC 256  
**prEN 15273-2:2012**  
Railway applications Gauges Part 2: Rolling stock gauge

**Data Limite:** 2012-11-14

TC 256  
**prEN 15273-3:2012**  
Railway applications Gauges Part 3: Obstacle gauges  
**Data Limite:** 2012-11-14

TC 256  
**prEN 15380-4:2012**  
Railway applications Classification system for railway  
vehicles Part 4: Function groups  
**Data Limite:** 2012-10-02

TC 256  
**prEN 15654-1:2012**  
Railway applications Measurement of wheel and axle loads  
Part 1: Interoperable 'in-service' rail vehicles  
**Data Limite:** 2012-11-07

TC 256  
**prEN 15954-2:2012**  
Railway applications Track - Trailers and associated  
equipment Part 2: General safety requirements  
**Data Limite:** 2013-01-09

TC 256  
**prEN 15955-2:2012**  
Railway applications Track - Demountable machines and  
associated equipment Part 2: General safety requirements  
**Data Limite:** 2013-01-09

TC 256  
**prEN 16431:2012**  
Railway applications Track Hollow sleepers and bearers  
**Data Limite:** 2012-10-10

TC 256  
**prEN 16432-1:2012**  
Railway applications Ballastless track systems Part 1:  
General requirements  
**Data Limite:** 2012-10-10

TC 256  
**prEN 16451:2012**  
Railway applications Braking Brake pad holder  
**Data Limite:** 2012-11-21

TC 256  
**prEN 16452:2012**  
Railway applications Braking Brake blocks  
**Data Limite:** 2013-01-16

TC 256  
**prEN 45545-1:2012**  
Railway applications Fire protection on railway vehicles  
Part 1: General  
**Data Limite:** 2012-11-06

TC 256  
**prEN 45545-2:2012**  
Railway applications Fire protection on railway vehicles  
Part 2: Requirements for fire behavior of materials and  
components  
**Data Limite:** 2012-11-06

TC 256  
**prEN 45545-3:2012**  
Railway applications Fire protection on railway vehicles  
Part 3: Fire resistance requirements for fire barriers  
**Data Limite:** 2012-11-06

TC 256  
**prEN 45545-4:2012**  
Railway applications Fire protection on railway vehicles

Part 4: Fire safety requirements for rolling stock design  
**Data Limite:** 2012-11-06

TC 256  
**prEN 45545-6:2012**  
Railway applications Fire protection on railway vehicles  
Part 6: Fire control and management systems  
**Data Limite:** 2012-11-06

TC 256  
**prEN 45545-7:2012**  
Railway applications Fire protection on railway vehicles  
Part 7: Fire safety requirements for flammable liquid and flammable gas installations  
**Data Limite:** 2012-11-06

TC 260  
**prEN 12945:2012**  
Liming materials Determination of neutralizing value  
Titrimetric methods  
**Data Limite:** 2012-11-28

TC 260  
**prEN 13368-1:2012**  
Fertilizers Determination of chelating agents in fertilizers by chromatography Part 1: Determination of EDTA, HEEDTA and DTPA by ion chromatography  
**Data Limite:** 2012-11-14

TC 260  
**prEN 13971:2012**  
Carbonate and silicate liming materials Determination of reactivity Potentiometric titration method with hydrochloric acid  
**Data Limite:** 2012-10-02

TC 261  
**prEN 16283:2012**  
Packaging Flexible aluminium tubes Test method to measure the force to pierce the membrane  
**Data Limite:** 2012-11-20

TC 261  
**prEN 16284:2012**  
Packaging Flexible laminate and plastic tubes Test method to determine the adhesive strength of the membrane  
**Data Limite:** 2012-11-20

TC 261  
**prEN 16285:2012**  
Packaging Flexible aluminium tubes Test method to measure the deformation of the aluminium tube body (Guillotine test)  
**Data Limite:** 2012-11-20

TC 261  
**prEN ISO 445:2012**  
Pallets for materials handling Vocabulary (ISO/FDIS 445:2012)  
**Data Limite:** 2012-11-27

TC 262  
**prEN ISO 7539-1:2012**  
Corrosion of metals and alloys Stress corrosion testing Part 1: General guidance on testing procedures (ISO/FDIS 7539-1:2012)  
**Data Limite:** 2012-11-27

TC 262  
**prEN ISO 9717:2012**  
Metallic and other inorganic coatings Phosphate conversion coating of metals (ISO 9717:2010)

**Data Limite:** 2013-02-27

TC 262  
**prEN ISO 28721-4:2012**  
Vitreous and porcelain enamels Glass-lined apparatus for process plants Part 4: Quality requirements for glass-lined flanged steel pipes and flanged steel fittings (ISO 28721-4:2010)  
**Data Limite:** 2012-11-07

TC 263  
**EN 1047-2:2009 /prA 1:2012**  
Secure storage units Classification and methods of test for resistance to fire Part 2: Data rooms and data container  
**Data Limite:** 2012-11-09

TC 264  
**prCEN/TS 16450:2012**  
Ambient air Automated measuring systems for the measurement of the concentration of particulate matter (PM10; PM2,5)  
**Data Limite:** 2012-10-05

TC 264  
**prEN 12341:2012**  
Ambient air Standard gravimetric measurement method for the determination of the PM10 or PM2,5 mass concentration of suspended particulate matter  
**Data Limite:** 2012-12-05

TC 264  
**prEN 12619:2012**  
Stationary source emissions Determination of the mass concentration of total gaseous organic carbon Continuous flame ionisation detector method  
**Data Limite:** 2012-10-23

TC 264  
**prEN ISO 16000-32:2012**  
Indoor air Part 32: Investigation of buildings for pollutants and other injurious factors - Inspections (ISO/DIS 16000-32:2012)  
**Data Limite:** 2013-01-02

TC 274  
**prEN 1915-1:2012**  
Aircraft ground support equipment General requirements Part 1: Basic safety requirements  
**Data Limite:** 2012-10-23

TC 274  
**prEN 12312-1:2012**  
Aircraft ground support equipment Specific requirements Part 1: Passenger stairs  
**Data Limite:** 2012-10-23

TC 274  
**prEN 12312-9:2012**  
Aircraft ground support equipment Specific requirements Part 9: Container/Pallet loaders  
**Data Limite:** 2012-10-23

TC 275  
**prCEN/TR 16468:2012**  
Food analysis Determination of pesticide residues by GC-MS Retention times and mass spectrometric parameters  
**Data Limite:** 2012-11-02

TC 275  
**prCEN/TS 15633-2:2012**  
Foodstuffs Detection of food allergens by immunological methods Part 2: Quantitative determination of hazelnut

with an enzyme immunoassay using monoclonal antibodies and biconchonic acid-protein detection

**Data Limite:** 2012-12-06

TC 275

**prEN ISO 11133:2012**

Microbiology of food, animal feeding stuffs and water  
Preparation, production, storage and performance testing  
of culture media  
(ISO/DIS 11133:2012)

**Data Limite:** 2013-01-02

TC 275

**EN ISO 21570:2005 /prA 1:2012**

Foodstuffs Methods of analysis for the detection of  
genetically modified organisms and derived products  
Quantitative nucleic acid based methods  
(ISO 21570:2005/DAM 1:2012)

**Data Limite:** 2012-10-10

TC 278

**prCEN ISO/TR 24014-3:2012**

Public transport Interoperable fare management system  
Part 3: Complementary concepts to Part 1 for  
multiapplication media

(ISO/DTR 24014-3:2012)

**Data Limite:** 2012-12-27

TC 278

**prCEN ISO/TS 18234-3:2012**

Intelligent transport systems Traffic and travel  
information via transport protocol experts group,  
generation 1 (TPEG1) binary data format Part 3:  
Service and network information (TPEG1-SNI)  
(ISO/DTS 18234-3:2012)

**Data Limite:** 2012-12-13

TC 278

**prCEN ISO/TS 18234-11:2012**

Intelligent transport systems Traffic and Travel  
Information (TTI) via transport protocol experts group,  
generation 1 (TPEG1) binary data format Part 11:  
Location Referencing Container (TPEG1-LRC)  
(ISO/DTS 18234-11:2012)

**Data Limite:** 2012-12-13

TC 285

**prEN ISO 5840-3:2012**

Cardiovascular implants Cardiac valve prostheses Part 3:  
Heart valve substitutes implanted by transcatheter  
techniques

(ISO/FDIS 5840-3:2012)

**Data Limite:** 2012-11-20

TC 285

**prEN ISO 14630:2012**

Implants chirurgicaux non actifs Exigences générales  
(ISO/FDIS 14630:2012)

**Data Limite:** 2012-11-09

TC 285

**prEN ISO 25539-2:2012**

Cardiovascular implants Endovascular devices Part 2:  
Vascular stents

(ISO/FDIS 25539-2:2012)

**Data Limite:** 2012-11-09

TC 286

**prEN ISO 13953:2012**

LPG equipment and accessories Pressure relief valves for  
transportable refillable cylinders for Liquefied  
Petroleum Gas (LPG)

**Data Limite:** 2013-02-27

TC 286

**prEN 14071:2012**

LPG equipment and accessories Pressure relief valves  
for LPG pressure vessels Ancillary equipment

**Data Limite:** 2013-01-30

TC 286

**prEN 14140:2012**

LPG equipment and accessories Transportable refillable  
welded steel cylinders for LPG Alternative design and  
construction

**Data Limite:** 2013-02-20

TC 286

**prEN 14570:2012**

LPG equipment and accessories Equipping of  
overground and underground LPG vessels

**Data Limite:** 2012-11-21

TC 286

**prEN 14678-3:2012**

LPG equipment and accessories Construction and  
performance of LPG equipment for automotive filling  
stations Part 3: Refuelling installations at private and  
industrial premises

**Data Limite:** 2012-10-23

TC 286

**prEN 14894:2012**

LPG equipment and accessories Cylinder and drum  
marking

**Data Limite:** 2013-01-30

TC 286

**prEN 16119:2012**

LPG equipment and accessories Sealing caps and plugs  
for LPG cylinder and pressure vessel valves Specification  
and testing

**Data Limite:** 2012-11-06

TC 287

**prCEN/TR 15449-4:2012**

Geographic information Spatial Data Infrastructure  
Service centric view

**Data Limite:** 2012-10-19

TC 287

**prEN ISO 19152:2012**

Geographic information Land Administration Domain  
Model (LADM)  
(ISO/FDIS 19152:2012)

**Data Limite:** 2012-10-30

TC 289

**prEN 16483:2012**

Leather Labelling of Leather Trims in Textile Products

**Data Limite:** 2013-02-13

TC 289

**prEN 16484:2012**

Leather Guidelines for the determination of the origin of  
leather

**Data Limite:** 2013-02-13

TC 289

**prEN ISO 11640:2012**

Leather Tests for colour fastness Colour fastness to  
cycles of to-and-fro rubbing  
(ISO/FDIS 11640:2012)

**Data Limite:** 2012-10-23

TC 289

**prEN ISO 11641:2012**

Leather Tests for colour fastness Colour fastness to

perspiration  
(ISO/FDIS 11641:2012)  
**Data Limite:** 2012-10-23

TC 289  
**prEN ISO 11642:2012**  
Leather Tests for colour fastness Colour fastness to water

(ISO/FDIS 11642:2012)  
**Data Limite:** 2012-10-23

TC 289  
**prEN ISO 14268:2012**  
Leather Physical and mechanical tests Determination of water vapour permeability  
(ISO/FDIS 14268:2012)  
**Data Limite:** 2012-10-16

TC 289  
**prEN ISO 17070:2012**  
Leather Chemical tests Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content  
(ISO/DIS 17070:2012)  
**Data Limite:** 2013-01-02

TC 289  
**prEN ISO 18218-1:2012**  
Leather Determination of ethoxylated alkylphenols Part 1: Direct method  
(ISO/DIS 18218-1:2012)  
**Data Limite:** 2013-01-30

TC 289  
**prEN ISO 18218-2:2012**  
Leather Determination of ethoxylated alkylphenols Part 2: Indirect method  
(ISO/DIS 18218-2:2012)  
**Data Limite:** 2013-01-30

TC 290  
**prEN ISO 1101:2012**  
Geometrical product specifications (GPS) Geometrical tolerancing Tolerances of form, orientation, location and run-out  
(ISO 1101:2012)  
**Data Limite:** 2012-12-26

TC 290  
**prEN ISO 2692:2012**  
Geometrical product specifications (GPS) Geometrical tolerancing Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR)  
(ISO/DIS 2692:2012)  
**Data Limite:** 2013-01-02

TC 290  
**EN ISO 3040:2012 /prA 1:2012**  
Geometrical product specifications (GPS) Dimensioning and tolerancing Cones - Amendment 1  
(ISO 3040:2009/DAM 1:2012)  
**Data Limite:** 2013-01-09

TC 290  
**prEN ISO 10360-10:2012**  
Geometrical product specifications (GPS) Acceptance and reverification tests for coordinate measuring machines (CMS) Part 10: Laser trackers for measuring point-to-point distances  
(ISO/DIS 10360-10:2012)  
**Data Limite:** 2013-01-23

TC 290  
**EN ISO 14405-1:2010 /prA 1:2012**  
Geometrical product specifications (GPS) Dimensional tolerancing Part 1: Linear sizes - Amendment 1  
(ISO 14405-1:2010/DAM 1:2012)  
**Data Limite:** 2013-01-09

TC 290  
**prEN ISO 16610-1:2012**  
Geometrical product specifications (GPS) Filtration Part 1: Overview and basic concepts  
(ISO/DIS 16610-1:2012)  
**Data Limite:** 2012-10-10

TC 290  
**prEN ISO 16610-20:2012**  
Geometrical product specifications (GPS) Filtration Part 20: Linear profile filters: Basic concepts  
(ISO/DIS 16610-20:2012)  
**Data Limite:** 2012-10-10

TC 290  
**prEN ISO 16610-22:2012**  
Geometrical product specifications (GPS) Filtration Part 22: Linear profile filters: Spline filters  
(ISO/DIS 16610-22:2012)  
**Data Limite:** 2012-10-10

TC 290  
**prEN ISO 16610-29:2012**  
Geometrical product specifications (GPS) Filtration Part 29: Linear profile filters: Spline wavelets  
(ISO/DIS 16610-29:2012)  
**Data Limite:** 2012-10-10

TC 290  
**prEN ISO 16610-40:2012**  
Geometrical product specifications (GPS) Filtration Part 40: Morphological profile filters: Basic concepts  
(ISO/DIS 16610-40:2012)  
**Data Limite:** 2012-10-10

TC 290  
**prEN ISO 16610-41:2012**  
Geometrical product specifications (GPS) Filtration Part 41: Morphological profile filters: Disk and horizontal line-segment filters  
(ISO/DIS 16610-41:2012)  
**Data Limite:** 2012-10-10

TC 290  
**prEN ISO 16610-49:2012**  
Geometrical product specifications (GPS) Filtration Part 49: Morphological profile filters: Scale space techniques  
(ISO/DIS 16610-49:2012)  
**Data Limite:** 2012-10-10

TC 290  
**prEN ISO 25178-71:2012**  
Geometrical product specifications (GPS) Surface texture: Areal Part 71: Software measurement standards  
(ISO/FDIS 25178-71:2012)  
**Data Limite:** 2012-10-09

TC 292  
**prEN 16123:2012**  
Characterization of waste Guidance on selection and application of screening methods  
**Data Limite:** 2012-11-06

TC 292  
**prEN 16424:2012**  
Characterization of waste Screening methods for the element composition by portable X-ray fluorescence

intruments

**Data Limite:** 2012-12-21

TC 292

**prEN 16457:2012**

Characterization of waste Framework for the preparation and application of a testing programme Objectives, planning and report

**Data Limite:** 2012-11-28

TC 296

**prCEN/TR 15120:2012**

Tanks for transport of dangerous goods - Guidance and recommendations for loading, transport and unloading

**Data Limite:** 2012-12-27

TC 296

**EN 13083:2008 /prA 1:2012**

Tanks for transport of dangerous goods Service equipment for tanks Adaptor for bottom loading and unloading

**Data Limite:** 2013-01-30

TC 296

**prEN 14564:2012**

Tanks for transport of dangerous goods Terminology

**Data Limite:** 2012-10-23

TC 296

**prEN 15207:2012**

Tanks for the transport of dangerous goods Plug/socket connection and supply characteristics for service equipment in hazardous areas with 24 V nominal supply voltage

**Data Limite:** 2012-11-07

TC 296

**prEN 15208:2012**

Tanks for transport of dangerous goods Sealed parcel delivery systems Working principles and interface specifications

**Data Limite:** 2012-11-07

TC 299

**prEN 12309-1:2012**

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW Part 1: Terms and definitions

**Data Limite:** 2012-12-19

TC 299

**prEN 12309-3:2012**

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW Part 3: Test conditions

**Data Limite:** 2012-12-19

TC 299

**prEN 12309-4:2012**

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW Part 4: Test methods

**Data Limite:** 2012-12-19

TC 299

**prEN 12309-5:2012**

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW Part 5: Requirements

**Data Limite:** 2012-12-19

TC 299

**prEN 12309-6:2012**

Gas-fired sorption appliances for heating and/or cooling

with a net heat input not exceeding 70 kW Part 6:

Calculation of seasonal performances

**Data Limite:** 2012-12-19

TC 299

**prEN 12309-7:2012**

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW Part 7:

Specific provisions for hybrid appliances

**Data Limite:** 2012-12-19

TC 301

**prEN ISO 18541-2:2012**

Road vehicles Standardized access to automotive repair and maintenance information (RMI) Part 2: Technical requirements

(ISO/DIS 18541-2:2012)

**Data Limite:** 2012-12-26

TC 301

**prEN ISO 18541-3:2012**

Road vehicles Standardized access to automotive repair and maintenance information (RMI) Part 3: Functional user interface requirements

(ISO/DIS 18541-3:2012)

**Data Limite:** 2012-12-26

TC 301

**prEN ISO 18542-1:2012**

Road vehicles Standardized repair and maintenance information (RMI) terminology Part 1: General information and use case definition

(ISO/FDIS 18542-1:2012)

**Data Limite:** 2012-11-06

TC 301

**prEN ISO 18542-2:2012**

Road vehicles Standardized repair and maintenance information (RMI) terminology Part 2: Standardized process implementation requirements, registration authority

(ISO/DIS 18542-2:2012)

**Data Limite:** 2012-12-26

TC 302

**prEN ISO 11816-1:2012**

Milk and milk products Determination of alkaline phosphatase activity Part 1: Fluorimetric method for milk and milk-based drinks

(ISO/DIS 11816-1:2012)

**Data Limite:** 2013-02-06

TC 305

**prEN 16447:2012**

Explosion isolation flap valves

**Data Limite:** 2013-01-30

TC 305

**prEN ISO/IEC 80079-36:2012**

Explosive atmospheres Part 36: Non-electrical equipment for use in explosive atmospheres - Basic methods and requirements (ISO/IEC/DIS 80079-36:2012)

**Data Limite:** 2012-10-31

TC 305

**prEN ISO/IEC 80079-37:2012**

Explosive atmospheres Part 37: Non-electrical equipment for use in explosive atmospheres - Non-electrical type of protection constructional safety 'c', control of ignition sources 'b', liquid immersion 'k' (ISO/IEC/DIS 80079-37:2012)

**Data Limite:** 2012-10-31

- TC 305  
**prEN ISO/IEC 80079-38:2012**  
Explosive atmospheres Part 38: Equipment and components in explosive atmospheres in underground mines  
(ISO/IEC/DIS 80079-38:2012)  
**Data Limite:** 2012-12-05
- TC 307  
**prEN ISO 3657:2012**  
Animal and vegetable fats and oils Determination of saponification value  
(ISO/DIS 3657:2012)  
**Data Limite:** 2012-12-19
- TC 307  
**prEN ISO 3961:2012**  
Animal and vegetable fats and oils Determination of iodine value  
(ISO/DIS 3961:2012)  
**Data Limite:** 2012-12-19
- TC 307  
**EN ISO 9167-1:1995 /prA 1:2012**  
Rapeseed Determination of glucosinolates content Part 1: Method using high-performance liquid chromatography - Amendment 1  
(ISO 9167-1:1992/DAM 1:2012)  
**Data Limite:** 2013-01-09
- TC 307  
**prEN ISO 12228-2:2012**  
Determination of individual and total sterols contents Gas chromatographic method Part 2: Olive and olive pomace oils  
(ISO/DIS 12228:2012)  
**Data Limite:** 2013-02-20
- TC 308  
**prCEN/TR 16456:2012**  
Characterization of sludges Good practice of sludge dewatering  
**Data Limite:** 2012-10-05
- TC 308  
**prEN 14701-2:2012**  
Characterisation of sludges Filtration properties Part 2: Determination of the specific resistance to filtration  
**Data Limite:** 2013-01-30
- TC 318  
**prCEN/TR 16469:2012**  
Hydrometry Measurement of the rainfall intensity (liquid precipitation): requirements, calibration methods and field measurements  
**Data Limite:** 2012-10-26
- TC 325  
**prCEN/TR 14383-4:2012**  
Prevention of crime Urban planning and building design Part 4: Shops and offices  
**Data Limite:** 2012-10-19
- TC 329  
**prEN ISO 13293:2012**  
Recreational diving services Requirements for gas blender training programmes  
(ISO/FDIS 13293:2012)  
**Data Limite:** 2012-10-10
- TC 329  
**prEN ISO 24801-1:2012**  
Recreational diving services - Requirements for the training of recreational scuba divers Part 1: Level 1 - Supervised diver  
(ISO/DIS 24801-1:2012)  
**Data Limite:** 2013-03-04
- TC 329  
**prEN ISO 24801-2:2012**  
Recreational diving services - Requirements for the training of recreational scuba divers Part 2: Level 2 - Autonomous diver  
(ISO/DIS 24801-2:2012)  
**Data Limite:** 2013-03-04
- TC 329  
**prEN ISO 24801-3:2012**  
Recreational diving services - Requirements for the training of recreational scuba divers Part 3: Level 3 - Dive leader  
(ISO/DIS 24801-3:2012)  
**Data Limite:** 2013-03-04
- TC 329  
**prEN ISO 24802-1:2012**  
Recreational diving services - Requirements for the training of scuba instructors Part 1: Level  
(ISO/DIS 24802-1:2012)  
**Data Limite:** 2013-03-04
- TC 329  
**prEN ISO 24802-2:2012**  
Recreational diving services - Requirements for the training of scuba instructors Part 2: Level 2  
(ISO/DIS 24802-2:2012)  
**Data Limite:** 2013-03-04
- TC 333  
**EN 15918:2011 /prA 1:2012**  
Cycles Cycle trailers Safety requirements and test methods  
**Data Limite:** 2012-10-19
- TC 338  
**prEN ISO 5527:2012**  
Cereals Vocabulary  
(ISO/DIS 5527:2012)  
**Data Limite:** 2012-12-12
- TC 338  
**prEN ISO 20483:2012**  
Cereals and pulses Determination of the nitrogen content and calculation of the crude protein content Kjeldahl method  
(ISO/DIS 20483:2012)  
**Data Limite:** 2012-12-05
- TC 341  
**prEN ISO 22476-4:2012**  
Geotechnical investigation and testing Field testing Part 4: Ménard pressuremeter test (ISO/FDIS 22476-4:2012)  
**Data Limite:** 2012-11-07
- TC 341  
**prEN ISO 22476-5:2012**  
Geotechnical investigation and testing Field testing Part 5: Flexible dilatometer test  
(ISO/FDIS 22476-5:2012)  
**Data Limite:** 2012-10-24
- TC 341  
**prEN ISO 22476-7:2012**  
Geotechnical investigation and testing Field testing Part 7: Borehole jack test  
(ISO/FDIS 22476-7:2012)  
**Data Limite:** 2012-10-24

TC 345

**prEN ISO 10930:2012**

Soil quality Measurement of the stability of soil aggregates subjected to the action of water (ISO 10930:2012)

**Data Limite:** 2013-01-04

TC 345

**prEN ISO 11063:2012**

Soil quality Method to directly extract DNA from soil samples (ISO 11063:2012)

**Data Limite:** 2013-01-04

TC 345

**prEN ISO 11267:2012**

Soil quality Inhibition of reproduction of *Collembola* (*Folsomia candida*) by soil pollutants (ISO/DIS 11267:2012)

**Data Limite:** 2013-02-06

TC 345

**prEN ISO 11269-1:2012**

Soil quality Determination of the effects of pollutants on soil flora Part 1: Method for the measurement of inhibition of root growth (ISO 11269-1:2012)

**Data Limite:** 2012-10-10

TC 345

**prEN ISO 11269-2:2012**

Soil quality Determination of the effects of pollutants on soil flora Part 2: Effects of contaminated soil on the emergence and early growth of higher plants (ISO 11269-2:2012)

**Data Limite:** 2013-01-04

TC 345

**prEN ISO 15009:2012**

Soil quality Gas chromatographic determination of the content of volatile aromatic hydrocarbons, naphthalene and volatile halogenated hydrocarbons Purge-and-trap method with thermal desorption (ISO 15009:2012)

**Data Limite:** 2013-02-20

TC 345

**prEN ISO 22155:2012**

Soil quality Gas chromatographic determination of volatile aromatic and halogenated hydrocarbons and selected ethers Static headspace method (ISO 22155:2011)

**Data Limite:** 2013-01-04

TC 345

**prEN ISO 23611-5:2012**

Soil quality Sampling of soil invertebrates Part 5: Sampling and extraction of soil macro-invertebrates (ISO 23611-5:2011)

**Data Limite:** 2013-01-04

TC 346

**prEN ISO 15999-1:2012**

Conservation of cultural heritage Guidelines for management of environmental conditions - Recommendations for showcases used for exhibition and preservation of cultural property Part 1: General requirements

**Data Limite:** 2012-11-14

TC 346

**prEN ISO 16302:2012**

Conservation of cultural property Test methods

Measurement of water absorption by pipe method

**Data Limite:** 2012-11-27

TC 346

**prEN ISO 16455:2012**

Conservation of cultural heritage Determination of soluble salts in natural stone and related materials used in cultural heritage

**Data Limite:** 2012-11-21

TC 353

**prEN ISO/IEC 19788-1:2012**

Information technology - Learning, education and training - Metadata for learning resources Part 1: Framework

(ISO/IEC 19788-1:2011)

**Data Limite:** 2012-10-10

TC 353

**prEN ISO/IEC 19788-2:2012**

Information technology - Learning, education and training - Metadata for learning resources Part 2: Dublin Core elements (ISO/IEC 19788-2:2011)

**Data Limite:** 2012-10-10

TC 354

**prEN ISO 16230-1:2012**

Leisure karts Part 1: Safety requirements and test methods for karts

**Data Limite:** 2012-10-16

TC 365

**prCEN/TS 16080:2012**

Internet Content and communications filtering software and services

**Data Limite:** 2012-12-06

TC 387

**prEN ISO 16104:2012**

Food data Structure and interchange format

**Data Limite:** 2012-10-02

TC CSC01

**prEN ISO 16466-1:2012**

Vinegar Isotopic analysis of acetic acid and water Part 1: 2H-NMR analysis of acetic acid

**Data Limite:** 2012-10-02

TC CSC01

**prEN ISO 16466-2:2012**

Vinegar Isotopic analysis of acetic acid and water Part 2: 13C-IRMS analysis of acetic acid

**Data Limite:** 2012-10-02

TC CSC01

**prEN ISO 16466-3:2012**

Vinegar Isotopic analysis of acetic acid and water Part 3: 18O-IRMS analysis of water in wine vinegar

**Data Limite:** 2012-10-02

TC CST01

**prEN ISO 10133:2012**

Small craft Electrical systems Extra-low-voltage d.c. installations (ISO/FDIS 10133:2012)

**Data Limite:** 2012-11-13

TC CSF01

**prEN ISO 10628-2:2012**

Diagrams for the chemical and petrochemical industry Part 2: Graphical symbols (ISO/FDIS 10628-2:2012)

**Data Limite:** 2012-10-09



TC CST01

**prEN ISO 12217-1:2012**

Small craft Stability and buoyancy assessment and categorization Part 1: Non-sailing boats of hull length greater than or equal to 6 m  
(ISO/FDIS 12217-1:2012)

**Data Limite:** 2012-11-20

TC CST01

**prEN ISO 12217-2:2012**

Small craft Stability and buoyancy assessment and categorization Part 2: Sailing boats of hull length greater than or equal to 6 m  
(ISO/FDIS 12217-2:2012)

**Data Limite:** 2012-11-20

TC CST01

**prEN ISO 12217-3:2012**

Small craft Stability and buoyancy assessment and categorization Part 3: Boats of hull length less than 6 m  
(ISO/FDIS 12217-3:2012)

**Data Limite:** 2012-11-20

TC CST01

**prEN ISO 16180:2012**

Small craft Navigation lights Installation, placement and visibility  
(ISO/FDIS 16180:2012)

**Data Limite:** 2012-11-20

TC CST01

**prEN ISO 21487:2012**

Small craft Permanently installed petrol and diesel fuel tanks  
(ISO/FDIS 21487:2012)

**Data Limite:** 2012-10-23

TC CST01

**prEN ISO 25197:2012**

Small craft Electrical/electronic control systems for steering, shift and throttle  
(ISO/FDIS 25197:2012)

**Data Limite:** 2012-10-23

TC CSM11

**prEN ISO 7625:2012**

Sintered metal materials, excluding hardmetals  
Preparation of samples for chemical analysis for determination of carbon content  
(ISO/FDIS 7625:2012)

**Data Limite:** 2012-10-30

TC CSN21

**prEN ISO 6974-5:2012**

Natural gas Determination of composition and associated uncertainty by gas chromatography Part 5: Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons (ISO/DIS 6974-5:2012)

**Data Limite:** 2012-12-05

TC CSN21

**prEN ISO 10723:2012**

Natural gas Performance evaluation for analytical systems  
(ISO/FDIS 10723:2012)

**Data Limite:** 2012-11-06

TC ECISS/101

**prEN ISO 643:2012**

Steels Micrographic determination of the apparent grain size  
(ISO/FDIS 643:2012)

**Data Limite:** 2012-11-09

TC ECISS/101

**prEN ISO 9513:2012**

Metallic materials Calibration of extensometer systems used in uniaxial testing  
(ISO/FDIS 9513:2012)

**Data Limite:** 2012-10-16

TC ECISS/107

**prEN 10269:2012**

Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties

**Data Limite:** 2012-11-13

TC ECISS/110

**prEN 10352:2012**

Stainless steel plumbing fittings Fittings with press ends for metallic tubes

**Data Limite:** 2012-11-13

TC ECISS/110

**prEN ISO 21809-2:2012**

Petroleum and natural gas industries External coatings for buried or submerged pipelines used in pipeline transportation systems Part 2: Single layer fusion-bonded epoxy coatings  
(ISO/DIS 21809-2:2012)

**Data Limite:** 2013-01-30

TC ECISS/111

**prEN 1559-2:2012**

Founding Technical conditions of delivery Part 2: Additional requirements for steel castings

**Data Limite:** 2013-01-16

TC AECMA

**prEN 2838:2012**

Aerospace series Chloroprene rubber (CR) - Heat resistance Hardness 70 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2839:2012**

Aerospace series Chloroprene rubber (CR) - Heat resistance Hardness 80 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2841:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Mineral oil resistant Hardness 60 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2842:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Mineral oil resistant Hardness 70 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2843:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Fuel and synthetic oil resistant Hardness 50 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2844:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Mineral oil resistant Hardness 90 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2845:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Fuel and synthetic oil resistant Hardness 50 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2846:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Fuel and synthetic oil resistant Hardness 60 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2847:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Fuel and synthetic oil resistant Hardness 70 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2848:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Fuel and synthetic oil resistant Hardness 80 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 2849:2012**

Aerospace series Acrylonitrile-butadiene rubber (NBR) - Fuel and synthetic oil resistant Hardness 70 IRHD

**Data Limite:** 2012-10-02

TC AECMA

**prEN 3645-001:2012**

Aerospace series Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperature 175 °C or 200 °C continuous Part 001: Technical specification

**Data Limite:** 2012-10-02

TC AECMA

**prEN 3861:2012**

Aerospace series Non-metallic materials - Glass transparencies - Material standard Thermally tempered soda lime float glass

**Data Limite:** 2012-10-16

TC AECMA

**prEN 3862:2012**

Aerospace series Non-metallic materials - Glass transparencies - Material standard Chemically tempered soda lime float glass

**Data Limite:** 2012-10-16

TC AECMA

**prEN 3863:2012**

Aerospace series Non-metallic materials - Glass transparencies - Test methods Determination of flatness

**Data Limite:** 2012-10-16

TC AECMA

**prEN 3866:2012**

Aerospace series Non-metallic materials - Glass transparencies - Test methods Determination of ream and surface ripple

**Data Limite:** 2012-10-16

TC AECMA

**prEN 4106:2012**

Aerospace series Non-metallic materials - Structural adhesive systems - Paste adhesive Technical specification

**Data Limite:** 2012-10-09

TC AECMA

**prEN 4199-001:2012**

Aerospace series Bonding straps for aircraft Part 001: Technical specification

**Data Limite:** 2012-10-02

TC AECMA

**prEN 4488:2012**

Aerospace series Non-metallic materials - Anaerobic polymerisable compounds - Threadlocking Torque strength 2 Nm

**Data Limite:** 2012-10-09

TC AECMA

**prEN 4491:2012**

Aerospace series Non-metallic materials - Anaerobic polymerisable compounds - Threadlocking Torque strength 16 Nm

**Data Limite:** 2012-10-09

TC AECMA

**prEN 4492:2012**

Aerospace series Non-metallic materials - Anaerobic polymerisable compounds - Threadlocking Torque strength 19 Nm

**Data Limite:** 2012-10-09

TC AECMA

**prEN 4526:2012**

Aerospace series Metallic materials - Test methods Sharp edge-notch tensile testing for sheet and strip

**Data Limite:** 2012-10-09

TC AECMA

**prEN 9104-001:2012**

Aerospace series Quality management systems Part 001: Requirements for Aviation, Space, and Defence Quality Management System Certification Programs

**Data Limite:** 2012-10-09

TC AECMA

**prEN 9300-004:2012**

Aerospace series - LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data Part 004: Description methods

**Data Limite:** 2012-10-23

TC AECMA

**prEN 9300-011:2012**

Aerospace series LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as

3D, CAD and PDM data Part 011: Reference process description "Data preparation"

**Data Limite:** 2012-10-23

TC AECMA

**prEN 9300-012:2012**

Aerospace series LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data Part 012: Reference process description "Ingest"

**Data Limite:** 2012-10-23

TC AECMA

**prEN 9300-013:2012**

Aerospace series LOTAR Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data Part 013: Reference process description "Archival Storage"

**Data Limite:** 2012-10-23

TC AECMA

**prEN 9300-014:2012**

Aerospace series LOTAR - Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data Part 014: Reference

process description "Retrieval"

**Data Limite:** 2012-10-23

TC AECMA

**prEN 9300-015:2012**

Aerospace series LOTAR - LOng Term Archiving and  
Retrieval of digital technical product documentation  
such

as 3D, CAD and PDM data Part 015: Reference process  
description "Removal"

**Data Limite:** 2012-10-23

## 5.2 Questionários preliminares

Lista de documentos de referência (RD) objeto de Questionários Preliminares (PQ), com vista à sua aceitação como normas europeias.

**LISTA VAZIA**

## 5.3 Comitês Técnicos do CEN

Lista dos Comitês Técnicos do Comité Europeu de Normalização (CEN) em relação aos quais não existe ONS (Organismo de Normalização Setorial) ou CT (Comissão Técnica) e cujos processos se encontram disponíveis para consulta no IPQ.

AECMA

European association of aerospace manufacturers

CEN/TC 130

Space heating appliances without integral heat sources

CEN/TC 12

Materials, equipment and offshore structures for petroleum and natural gas industries

CEN/TC 135

Execution of steel structures

CEN/TC 44

Household refrigerating appliances and commercial refrigerated cabinets

CEN/TC 136

Sports, playground and other recreational equipment

CEN/TC 50

Lighting columns and spigots

CEN/TC 145

Rubber and plastics machines - Safety

CEN/TC 53

Temporary works equipment

CEN/TC 146

Packaging machines - Safety

CEN/TC 87

Gas fuelled smokers lighters

CEN/TC 148

Continuous handling equipment and systems - Safety

CEN/TC 88

Thermal insulating materials and products

CEN/TC 149

Rail-dependent storage and retrieval equipment - Safety

CEN/TC 89

Thermal performance of buildings and building components

CEN/TC 150

Industrial trucks - Safety

CEN/TC 99

Wallcoverings

CEN/TC 151

Construction equipment and building material machines - Safety

CEN/TC 105

Valves and fittings to equip radiators

CEN/TC 152

Fairground and amusement park machinery and structures - Safety

CEN/TC 107

Pre-fabricated district heating pipe systems

CEN/TC 153

Food processing machinery - Safety and hygiene specifications

CEN/TC 113

Heat pumps and air conditioning units

CEN/TC 123

Lasers and laser related equipment

CEN/TC 156

Ventilation for buildings

CEN/TC 125

Masonry

CEN/TC 163

Sanitary appliances

CEN/TC 128

Roof covering products for discontinuous laying and products for wall cladding

CEN/TC 166 Chimneys	CEN/TC 197 Pumps
CEN/TC 167 Structural bearings	CEN/TC 198 Printing and paper machinery - Safety
CEN/TC 169 Lighting applications	CEN/TC 200 Tannery machinery - Safety
CEN/TC 171 Heat cost allocation	CEN/TC 201 Leather and imitation leather goods and footwear manufacturing machinery - Safety
CEN/TC 173 Brushware	CEN/TC 202 Foundry machinery
CEN/TC 176 Heat meters	CEN/TC 216 Chemical disinfectants and antiseptics
CEN/TC 177 Prefabricated reinforced components of autoclaved aerated concrete or light-weight aggregate concrete with open structure	CEN/TC 217 Surfaces for sport areas
CEN/TC 178 Paving units and kerbs	CEN/TC 219 Cathodic protection
CEN/TC 182 Refrigerating systems, safety and environmental requirements	CEN/TC 221 Metallic shop-fabricated tanks
CEN/TC 183 Waste management	CEN/TC 222 Feather and down as filling material for any article, as well as finished articles filled with feather and down
CEN/TC 186 Industrial thermoprocessing - Safety	CEN/TC 225 Bar coding
CEN/TC 188 Conveyor belts	CEN/TC 226 Road equipment
CEN/TC 189 Geotextiles and geotextile-related products	CEN/TC 232 Compressors - Safety
CEN/TC 190 Foundry technology	CEN/TC 239 Rescue systems
CEN/TC 193 Adhesives	CEN/TC 241 Gypsum and gypsum based products
CEN/TC 195 Air filters for general air cleaning	CEN/TC 242 Safety requirements for passenger transportation by rope
CEN/TC 196 Machines for underground mines - Safety	CEN/TC 245 Leisure accommodation vehicles

CEN/TC 247  
Controls for mechanical building services

CEN/TC 253  
Self adhesive tapes

CEN/TC 256  
Railway applications

CEN/TC 259  
Medical alarms and signals

CEN/TC 263  
Secure storage of cash, valuables and data media

CEN/TC 270  
Internal combustion engines

CEN/TC 271  
Surface treatment equipment - Safety

CEN/TC 273  
Logistics

CEN/TC 274  
Aircraft ground support equipment

CEN/TC 277  
Suspended ceilings

CEN/TC 278  
Road transport and traffic telematics

CEN/TC 279  
Value management - Value analysis, functional analysis

CEN/TC 280  
Offshore containers

CEN/TC 283  
Precious metals - Application in jewellery and associated products

CEN/TC 288  
Execution of special geotechnical works

CEN/TC 289  
Leather

CEN/TC 290  
Dimensional and geometrical product specification and verification

CEN/TC 291  
Self-service shopping trolleys

CEN/TC 293  
Technical aids for disabled persons

CEN/TC 296  
Tanks for transport of dangerous goods

CEN/TC 297  
Free-standing industrial chimneys

CEN/TC 301  
Electrically propelled road vehicles

CEN/TC 303  
Floor screeds and in-situ floorings in buildings

CEN/TC 305  
Potentially explosive atmospheres - Explosion prevention and protection

CEN/TC 309  
Footwear

CEN/TC 310  
Advanced manufacturing technologies

CEN/TC 313  
Industrial centrifugs - Safety requirements (provisional)

CEN/TC 314  
Mastic asphalt for waterproofing

CEN/TC 315  
Spectator accommodations

CEN/TC 317  
Derivates from coal from pyrolysis

CEN/TC 318  
Hydrometry

CEN/TC 320  
Transportation services

CEN/TC 322  
Equipment for metal production and rolling mills - Safety requirements

CEN/TC 323  
Raised access floors

CEN/TC 324  
Castors and wheels

CEN/TC 325

Prevention of crime by urban planning and building design (provisional)

CEN/TC 326

Gas supply for natural gas vehicles (NGV)

CEN/TC 328

Standard measuring system for cleaning performance

CEN/TC 329

Criteria for describing tourist services in objective tourist information systems

CEN/TC 332

Laboratory equipment (provisional)



## 6. Projetos de normas e propostas de estudo de novas normas do Comité Europeu de Normalização Eletrotécnica (CENELEC)

Os projetos de normas e propostas de estudo de novas normas estão organizadas por Comitês Técnicos do CENELEC.

### 6.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

BTTF 62-3

**FprEN 50110-1:2012**

Operation of electrical installations Part 1: General requirements

**Data Limite:** 2013-01-04

BTTF 116-2

**prEN 50436-1:2012**

Alcohol interlocks - Test methods and performance requirements Part 1: Instruments for drink-driving-offender programs

**Data Limite:** 2012-11-02

BTTF 116-2

**prEN 50436-2:2012**

Alcohol interlocks - Test methods and performance requirements Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use

**Data Limite:** 2012-11-02

BTTF 132-2

**prEN 50156-1:2012**

Electrical equipment for furnaces and ancillary equipment Part 1: Requirements for application design and installation

**Data Limite:** 2012-10-05

BTTF 132-2

**prEN 50156-2:2012**

Electrical equipment for furnaces and ancillary equipment Part 2: Requirements for design, development and type approval of safety devices and subsystems

**Data Limite:** 2013-01-25

SC 9XC

**EN 50119:2009 /FprA A:2012**

Railway applications - Fixed installations - Electric traction overhead contact lines

**Data Limite:** 2013-02-02

SC 9XB

**FprEN 60349-4:2012**

Electric traction - Rotating electrical machines for rail and road vehicles Part 4: Permanent magnet synchronous electrical machines connected to an electronic converter (IEC 60349-4:201X)

**Data Limite:** 2012-11-23

SC 9XB

**EN 61881-3:2012 /FprEN 1:2012**

Railway applications - Rolling stock equipment - Capacitors for power electronic Part 3: Electric double-layer capacitors (IEC 61881-3:201X/A1:201X)

**Data Limite:** 2013-01-18

SC 46XA

**FprEN 50117-8:2012**

Coaxial cables used in cabled distribution networks Part 8: Repair and substitute of damaged buried cables

**Data Limite:** 2012-11-16

SC 46XC

**FprEN 50288-9-1:2012**

Multi-element metallic cables used in analogue and digital communication and control Part 9-1: Sectional specification for screened cables characterised up to 1000 MHz - Horizontal and building backbone cables

**Data Limite:** 2012-10-05

SC 46XC

**FprEN 50288-10-1:2012**

Multi-element metallic cables used in analogue and digital communication and control Part 10-1: Sectional specification for screened cables characterised up to 500 MHz - Horizontal floor and building backbone cables

**Data Limite:** 2012-10-05

SC 46XC

**FprEN 50288-11-1:2012**

Multi-element metallic cables used in analogue and digital communication and control Part 11-1: Sectional specification for un-screened cables, characterised up to 500 MHz - Horizontal and building backbone cables

**Data Limite:** 2012-10-05

SC 31-1

**FprEN 60079-14:2012**

Explosive atmospheres Part 14: Electrical installations design, selection and erection (IEC 60079-14:201X)

**Data Limite:** 2013-01-04

SC 31-1

**FprEN 60079-17:2012**

Explosive atmospheres Part 17: Electrical installations inspection and maintenance (IEC 60079-17:201X)

**Data Limite:** 2012-12-14

SR 10

**FprEN 60422:2012**

Mineral insulating oils in electrical equipment - Supervision and maintenance guidance (IEC 60422:201X)

**Data Limite:** 2012-11-30

SR 10

**FprEN 62701:2012**

Fluids for electrotechnical applications - Recycled mineral insulating oils for transformers and switchgears (IEC 62701:201X)

**Data Limite:** 2012-10-19

SR 15

**FprEN 60819-3-4:2012**

Non-cellulosic papers for electrical purposes Part 3: Specifications for individual materials Sheet 4: Aramid fibre paper containing not more than 50% of mica particles

(IEC 60819-3-4:201X)

**Data Limite:** 2013-02-22

SR 27

**FprEN 60519-4:2012**

Safety in electroheating installations Part 4: Particular requirements for arc furnace installations

(IEC 60519-4:201X)

**Data Limite:** 2012-11-23

SR 27

**FprEN 62395-1:2012**

Electrical resistance trace heating systems for industrial and commercial applications Part 1: General and testing requirements

(IEC 62395-1:201X)

**Data Limite:** 2012-10-12

SR 27

**FprEN 62395-2:2012**

Electrical resistance trace heating systems for industrial and commercial applications Part 2: Application guide for system design, installation and maintenance

(IEC 62395-2:201X)

**Data Limite:** 2012-10-12

SR 32A

**FprEN 60549:2012**

High-voltage fuses for the external protection of shunt capacitors

(IEC 60549:201X)

**Data Limite:** 2012-11-30

SR 33

**FprEN 60143-2:2012**

Series capacitors for power systems Part 2: Protective equipments for series capacitor banks

(IEC 60143-2:201X)

**Data Limite:** 2012-11-23

SR 33

**FprEN 60358-3:2012**

Coupling capacitors and capacitor dividers Part 3: AC or DC coupling capacitors for harmonic-filters applications

(IEC 60358-3: 201X)

**Data Limite:** 2013-01-11

SR 34A

**EN 60081:1998 /FprA 5:2012**

Double-capped fluorescent lamps - Performance specifications

(IEC 60081:1997/A5:201X)

**Data Limite:** 2013-01-04

SR 34A

**EN 62031:2008 /FprA 1:2012**

LED modules for general lighting - Safety specifications

(IEC 62031:2008/A1:201X)

**Data Limite:** 2012-10-19

SR 34A

**EN 62031:2008 /FprA 2:2012**

LED modules for general lighting - Safety specifications

(IEC 62031:2008/A2:201X)

**Data Limite:** 2013-01-11

SR 34A

**EN 62035:2000 /FprA 3:2012**

Discharge lamps (excluding fluorescent lamps) - Safety specifications

(IEC 62035:1999/A3:201X)

**Data Limite:** 2013-01-04

SR 34A

**FprEN 62663-1:2012**

Non-ballasted LED-lamps

Part 1: Safety specifications

(IEC 62663-1:201X)

**Data Limite:** 2012-12-14

SR 34A

**FprEN 62707-1:2012**

LED - Binning

Part 1: General requirements and white grid

(IEC 62707-1:201X)

**Data Limite:** 2013-01-11

SR 35

**FprEN 62281:2012**

Safety of primary and secondary lithium cells and batteries during transport

(IEC 62281:201X)

**Data Limite:** 2012-11-02

SR 36

**FprEN 60507:2012**

Artificial pollution tests on high-voltage ceramic and glass to be used on a.c. systems

(IEC 60507:201X)

**Data Limite:** 2012-11-02

SR 40

**FprEN 60393-2:2012**

Potentiometers for use in electronic equipment Part 2: Sectional specification - Lead-screw actuated and rotary preset potentiometers

(IEC 60393-2:201X)

**Data Limite:** 2012-11-09

SR 40

**FprEN 60393-5:2012**

Potentiometers for use in electronic equipment

Part 5: Sectional specification - Single-turn rotary

low-power wirewound and nonwirewound

potentiometers

(IEC 60393-5:201X)

**Data Limite:** 2012-11-09

SR 40

**FprEN 60393-6:2012**

Potentiometers for use in electronic equipment Part 6:

Sectional specification - Surface mount preset

potentiometers

(IEC 60393-6: 201X)

**Data Limite:** 2012-11-09

SR 46F

**FprEN 61169-1:2012**

Radio-frequency connectors Part 1: Generic

specification - General requirements and measuring

methods

(IEC 61169-1:201X)

**Data Limite:** 2012-11-30

SR 48B

**EN 60352-2:2006 /FprA 1:2012**

Solderless connections Part 2: Crimped connections - General requirements, test methods and practical

guidance

(IEC 60352-2:2006/A1:201X)

**Data Limite:** 2012-10-05

SR 48B

**FprEN 61076-2-109:2012**

Connectors for electronic equipment - Product requirements Part 2-109: Circular connectors - Detail specification for connectors M 12 x 1 with screw-locking, for data transmissions with frequencies up to 500 MHz (IEC 61076-2-109:201X)

**Data Limite:** 2013-01-18

SR 49

**FprEN 60444-6:2012**

Measurement of quartz crystal unit parameters Part 6: Measurement of drive level dependence (DLD) (IEC 60444-6:201X)

**Data Limite:** 2013-01-04

SR 49

**FprEN 62276:2012**

Single Crystal Wafers for Surface Acoustic Wave (SAW) devices applications - Specification and measuring method (IEC 62276:201X)

**Data Limite:** 2012-10-05

SR 65C

**FprEN 61158-3-14:2012**

Industrial communication networks - Fieldbus specifications Part 3-14: Data-link layer service definition - Type 14 elements (IEC 61158-3-14:201X)

**Data Limite:** 2012-10-19

SR 65C

**FprEN 61158-3-19:2012**

Industrial communication networks - Fieldbus specifications Part 3-19: Data-link layer service definition - Type 19 elements (IEC 61158-3-19:201X)

**Data Limite:** 2012-10-19

SR 65C

**FprEN 61158-3-22:2012**

Industrial communication networks - Fieldbus specifications Part 3-22: Data-link layer service definition - Type 22 elements (IEC 61158-3-22:201X)

**Data Limite:** 2012-10-19

SR 65C

**FprEN 61158-4-3:2012**

Industrial communication networks - Fieldbus specifications Part 4-X: Data-link layer protocol specification - Type x elements (IEC 61158-4-X:201X)

**Data Limite:** 2012-10-19

SR 65E

**FprEN 62382:2012**

Electrical and instrumentation loop check (IEC 62382:201X)

**Data Limite:** 2012-10-19

SR 66

**FprEN 61010-2-010:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-010: Particular requirements for laboratory equipment for the heating of materials (IEC 61010-2-010:201X)

**Data Limite:** 2012-11-30

SR 66

**FprEN 61010-2-051:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-051: Particular requirements for laboratory equipment for mixing and stirring (IEC 61010-2-051:201X)

**Data Limite:** 2012-11-30

SR 66

**FprEN 61010-2-061:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization (IEC 61010-2-061:201X)

**Data Limite:** 2012-11-30

SR 66

**FprEN 61010-2-081:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC 61010-2-081:201X)

**Data Limite:** 2012-11-30

SR 66

**FprEN 61010-2-101:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-101: Particular requirements for laboratory equipment for in vitro diagnostic (IVD) medical equipment (IEC 61010-2-101:201X)

**Data Limite:** 2013-01-04

SR 68

**FprEN 60404-11:2012**

Magnetic materials Part 11: Method of test for the determination of surface insulation resistance of magnetic sheet and strip (IEC 60404-11:1991 + A1:1998 + A2:2012)

**Data Limite:** 2012-11-23

SR 80

**FprEN 61924-2:2012**

Maritime navigation and radiocommunication equipment and systems - Integrated navigation systems (INS) Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results (IEC 61924-2:201X)

**Data Limite:** 2012-11-09

SR 80

**FprEN 61996-1:2012**

Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) Part 1: Voyage data recorder (VDR) - Performance requirements, methods of testing and required test results (IEC 61996-1:201X)

**Data Limite:** 2012-11-16

SR 80

**FprEN 62388:2012**

Maritime navigation and radiocommunication equipment and systems - Shipborne radar - Performance requirements, methods of testing and required test results (IEC 62388:201X)

**Data Limite:** 2013-01-11

SR 85

## **FprEN 60688:2012**

Electrical measuring transducers for converting a.c. electrical quantities to analogue or digital signals (IEC 60688: 201X)

**Data Limite:** 2012-10-05

SR 86C

## **FprEN 62148-17:2012**

Fiber optic active components and devices - Package and interface standards Part 17: Transmitter and receiver components with dual coaxial RF connectors (IEC 62148-17:201X)

**Data Limite:** 2013-01-04

SR 86C

## **FprEN 62343-1-3:2012**

Dynamic modules Part 1-3: Performance standards - Dynamic gain tilt equalizer (non-connectorized) (IEC 62343-1-3:201X)

**Data Limite:** 2012-10-12

SR 89

## **FprEN 60695-9-2:2012**

Fire hazard testing Part 9-2: Surface spread of flame - Summary and relevance of test methods (IEC 60695-9-2:201X)

**Data Limite:** 2013-01-04

SR 90

## **FprEN 61788-18:2012**

Superconductivity Part 18: Mechanical properties measurement - Room temperature tensile test of Ag- and/or Ag alloy-sheathed Bi-2223 and Bi-2212 composite superconductors (IEC 61788-18:201X)

**Data Limite:** 2012-10-05

SR 90

## **FprEN 61788-19:2012**

Superconductivity Part 19: Mechanical properties measurement - Room temperature tensile test of reacted Nb<sub>3</sub>Sn composite superconductors (IEC 61788-19:201X)

**Data Limite:** 2013-01-18

SR 91

## **EN 61190-1-2:2007 /FprA 1:2012**

Attachment materials for electronic assembly Part 1-2: Requirements for soldering pastes for high-quality interconnects in electronics assembly (IEC 61190-1-2:2007/A1:201X)

**Data Limite:** 2012-11-02

SR 91

## **FprEN 61249-2-27:2012**

Materials for printed boards and other interconnecting structures Part 2-27: Reinforced base materials clad and unclad - Bismaleimide/triazine modified with non-halogenated epoxide woven glass laminate sheets of defined flammability (vertical burning test), copper-clad (IEC 61249-2-27:201X)

**Data Limite:** 2012-11-02

SR 91

## **FprEN 61249-2-30:2012**

Materials for printed boards and other interconnecting structures Part 2-30: Reinforced base materials clad and unclad - Non-halogenated epoxide modified cyanate ester woven glass laminate of defined flammability (vertical burning test), copper-clad (IEC 61249-2-30:201X)

**Data Limite:** 2012-11-02

SR 91

## **FprEN 61249-2-39:2012**

Materials for printed boards and other interconnecting structures Part 2-39: Reinforced base materials clad and unclad - Modified epoxide and non-epoxide, woven E-glass laminated sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly (IEC 61249-2-39:201X)

**Data Limite:** 2012-11-02

SR 91

## **FprEN 61249-2-40:2012**

Materials for printed boards and other interconnecting structures Part 2-40: Reinforced base materials clad and unclad - High Performance, modified, non-halogenated epoxide woven E-glass laminated sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly (IEC 61249-2-40:201X)

**Data Limite:** 2012-11-02

SR 95

## **FprEN 60255-27:2012**

Measuring relays and protection equipment Part 27: Product safety requirements (IEC 60255-27:201X)

**Data Limite:** 2012-12-14

SR 95

## **FprEN 60255-121:2012**

Measuring relays and protection equipment Part 121: Functional requirements for distance protection (IEC 60255-121:201X)

**Data Limite:** 2013-01-04

SR 95

## **FprEN 60255-149:2012**

Measuring relays and protection equipment Part 149: Functional requirements for thermal electrical relays (IEC 60255-149:201X)

**Data Limite:** 2012-10-26

SR 96

## **FprEN 61558-2-10:2012**

Safety of transformers, reactors, power supply units and combinations thereof Part 2-10: Particular requirements and tests for separating transformers with high insulation level and separating transformers with output voltage exceeding 1000 V

**Data Limite:** 2013-01-04

SR 96

## **FprEN 61558-2-14:2012**

Safety of transformers, reactors, power supply units and combinations thereof Part 2-14: Particular requirements and test for variable transformers and power supply units incorporating variable transformers (IEC 61555-2-14:201X)

**Data Limite:** 2012-11-09

SR 96

## **EN 61558-2-16:2009 /FprA 1:2012**

Safety of transformers, reactors, power supply units and similar products for voltages up to 1 100 V Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009/A1:201X)

**Data Limite:** 2012-10-12

SR 101

## **EN 61340-4-1:2004 /FprA 1:2012**

Electrostatics Part 4-1: Standard test methods for specific applications - Electrical resistance of floor coverings and

installed floors

(IEC 61340-4-1:2003/A1:201X)

**Data Limite:** 2012-12-14

SR 104

**FprEN 60068-2-78:2012**

Environmental testing Part 2-78: Tests - Test Cab: Damp heat, steady state

(IEC 60068-2-78:201X)

**Data Limite:** 2012-10-19

SR 104

**FprEN 60721-2-2:2012**

Classification of environmental conditions Part 2-2:

Environmental conditions appearing in nature -

Precipitation and wind

(IEC 60721-2-2:201X)

**Data Limite:** 2012-11-09

SR 104

**FprEN 60721-2-9:2012**

Classification of environmental conditions Part 2-9:

Environmental conditions appearing in nature - Defining

an environmental description from measured shock and

vibration data: Storage, transportation and in-use

(IEC 60721-2-9:201X)

**Data Limite:** 2013-01-04

SR 110

**FprEN 61747-10-1:2012**

Liquid crystal display devices Part 10-1: Mechanical

test methods

(IEC 61747-10-1:201X)

**Data Limite:** 2013-01-04

SR 110

**FprEN 62341-5-3:2012**

Organic light emitting diode (OLED) displays Part 5-3:

Measuring methods of image sticking and lifetime

(IEC 62341-5-3:201X)

**Data Limite:** 2012-10-19

SR 110

**FprEN 62595-1-1:2012**

LCD Backlight Unit Part 1-1: Generic specification

(IEC 62595-1-1:201X)

**Data Limite:** 2012-11-23

SR 110

**FprEN 62629-1-2:2012**

3D Display devices Part 1-2: Generic - Terminology and

letter symbols

(IEC 62629-1-2:201X)

**Data Limite:** 2012-11-23

SR 112

**FprEN 60544-1:2012**

Electrical insulating materials - Determination of the

effects of ionizing radiation Part 1: Radiation

interaction and dosimetry

(IEC 60544-1:201X)

**Data Limite:** 2013-01-04

TC 2

**FprEN 60034-18-41:2012**

Rotating electrical machines Part 18-41: Qualification and

quality control tests for partial discharge free (Type I)

electrical insulation systems used in rotating electrical

machines fed from voltage converters

(IEC 60034-18-41:201X)

**Data Limite:** 2012-12-14

TC 2

**FprEN 60034-28:2012**

Rotating electrical machines Part 28: Test methods for

determining quantities of equivalent circuit diagrams

for three-phase low-voltage cage induction motors

(IEC 60034-28:201X)

**Data Limite:** 2012-11-23

TC 2

**FprEN 60034-30-1:2012**

Rotating electrical machines Part 30-1: Efficiency

classes of single-speed, three-phase, cage-induction

motors (IE-code)

(IEC 60034-30-1:201X)

**Data Limite:** 2013-01-04

TC 8X

**prEN 50438:2012**

Requirements for the connection of micro-generators in

parallel with public low-voltage distribution networks

**Data Limite:** 2013-01-11

TC 11

**FprEN 50341-1:2012**

Overhead electrical lines exceeding AC 1 kV Part 1:

General requirements - Common specifications

**Data Limite:** 2012-10-12

TC 17B

**EN 60947-5-5:1997 /FprA A:2012**

Low-voltage switchgear and controlgear Part 5-5: Control

circuit devices and switching elements - Electrical

emergency stop device with mechanical latching

function

**Data Limite:** 2012-10-26

TC 17B

**EN 60947-6-1:2005 /FprA 1:2012**

Low-voltage switchgear and controlgear Part 6-1:

Multiple function equipment - Transfer switching

equipment

(IEC 60947-6-1:2005/A1:201X)

**Data Limite:** 2012-12-14

TC 17B

**FprEN 62026-2:2012**

Low-voltage switchgear and controlgear -

Controller-device interfaces (CDIs) Part 2: Actuator

sensor interface (AS-i)

(IEC 62026-2:2008, modif)

**Data Limite:** 2012-10-26

TC 17B

**FprEN 62026-7:2012**

Low-voltage switchgear and controlgear -

Controller-device interfaces (CDIs) Part 7: CompoNet

(IEC 62026-7:2010, modif)

**Data Limite:** 2012-10-26

TC 17AC

**EN 62271-109:2009 /FprA 1:2012**

High-voltage switchgear and controlgear Part 109:

Alternating-current series capacitor by-pass switches

(IEC 62271-109:2008/A1:201X)

**Data Limite:** 2012-12-07

TC 17AC

**FprEN 62271-201:2012**

High-voltage switchgear and controlgear Part 201: AC

solid-insulated enclosed switchgear and controlgear for

rated voltages above 1 kV and up to and including 52

kV

(IEC 62271-201:201X)

**Data Limite:** 2012-11-09

TC 17AC

**FprEN 62271-202:2012**

High-voltage switchgear and controlgear Part 202: High-voltage/low-voltage prefabricated substation (IEC 62271-202:201X)

**Data Limite:** 2012-10-12

TC 17B

**FprEN 62626-1:2012**

Low-voltage switchgear and controlgear enclosed equipment Part 1: Enclosed switch outside the scope of IEC 60947-3 for various applications, to provide isolation of electrical equipment during repair and maintenance work (IEC 62626-1:201X)

**Data Limite:** 2013-01-04

TC 20

**prEN 50393:2012**

Test methods and requirements for accessories for use on distribution cables of rated voltage 0,6/1,0 (1,2) kV

**Data Limite:** 2012-10-12

TC 20

**prEN 50565-2:2012**

Electric cables - Guide to use for cables with a rated voltage not exceeding 450/750 V Part 2: Specific guidance related to EN 50525 cable types

**Data Limite:** 2013-01-04

TC 20

**FprHD 603-S2:2012**

Distribution cables with extruded insulation for rated voltage from 3,6/6 (7,2) kV up to and including 20,8/36 (42) kV

**Data Limite:** 2013-02-01

TC 20

**FprHD 623-S3:2012**Power cables with extruded insulation and their accessories for rated voltages above 36 kV ( $U_m = 42$  kV) up to 150 kV ( $U_m = 170$  kV)**Data Limite:** 2013-01-04

TC 21X

**FprEN 61951-1:2012**

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells Part 1: Nickel-cadmium (IEC 61951-1:201X)

**Data Limite:** 2012-11-16

TC 21X

**FprEN 62133:2012**

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications (IEC 62133:201X)

**Data Limite:** 2012-11-09

TC 22X

**EN 62040-1:2008 /FprA 1:2012**

Uninterruptiblepower systems (UPS) Part 1: General and safety requirements for UPS (IEC 62040-1:2008/A1:201X)

**Data Limite:** 2012-11-30

TC 23BX

**EN 60670-1:2005 /FprA 1:2012**

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 1: General requirements

(IEC 60670-1:2002/A1:2011, modif)

**Data Limite:** 2012-11-23

TC 23BX

**FprEN 60670-24:2012**

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment (IEC 60670-24:2011, modif)

**Data Limite:** 2013-01-25

TC 23E

**EN 60934:2001 /FprA 2:2012**

Circuit-breakers for equipment (CBE) (IEC 60934:2000/A2:201X)

**Data Limite:** 2012-11-16

TC 26A

**FprEN 60974-3:2012**

Arc welding equipment Part 3: Arc striking and stabilizing devices (IEC 60974-3:201X)

**Data Limite:** 2013-01-04

TC 26A

**FprEN 60974-7:2012**

Arc welding equipment Part 7: Torches (IEC 60974-7:201X)

**Data Limite:** 2012-11-23

TC 26A

**FprEN 60974-10:2012**

Arc welding equipment Part 10: Electromagnetic compatibility (EMC) requirements (IEC 60974-10:201X)

**Data Limite:** 2012-11-09

TC 34Z

**FprEN 60598-1:2012**

Luminaires Part 1: General requirements and tests (IEC 60598-1:201X)

**Data Limite:** 2012-11-23

TC 34Z

**FprEN 60598-2-22:2012**

Luminaires Part 2-22: Particular requirements - Luminaires for emergency lighting (IEC 60598-2-22:201X)

**Data Limite:** 2012-11-16

TC 34Z

**EN 61347-1:2008 /FprA 2:2012**

Lamp controlgear Part 1: General and safety requirements (IEC 61347-1:2007/A2:201X)

**Data Limite:** 2012-10-05

TC 34Z

**FprEN 61347-2-13:2012**

Lamp controlgear Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules (IEC 61347-2-13:201X)

**Data Limite:** 2012-11-09

TC 34Z

**FprEN 62442-2:2012**

Energy performance of lamp controlgear Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of controlgear (IEC 62442-2:201X)

**Data Limite:** 2012-10-26

TC 34Z

**FprEN 62442-3:2012**

Energy performance of lamp controlgear Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear (IEC 62442-3:201X)

**Data Limite:** 2012-11-23

TC 38

**FprEN 61869-9:2012**

Instrument Transformers Part 9: Digital interface for instrument transformers (IEC 61869-9:201X)

**Data Limite:** 2013-01-11

TC 40XB

**EN 140401-803:2007 /FprAB B:2012**

Detail specification: Fixed low power film SMD resistors - Cylindrical - Stability classes 0,05; 0,1; 0,25; 0,5; 1; 2

**Data Limite:** 2012-11-16

TC 45B

**FprEN 61526:2012**

Radiation protection instrumentation - Measurement of personal dose equivalents Hp(10) and Hp(0,07) for X, gamma, neutron and beta radiations - Direct reading personal dose equivalent meters (IEC 61526:2010, modif)

**Data Limite:** 2012-11-16

TC 55

**FprEN 60317-0-2:2012**

Specifications for particular types of winding wires Part 0-2: General requirements - Enamelled rectangular copper wire (IEC 60317-0-2:201X)

**Data Limite:** 2012-10-26

TC 55

**FprEN 60317-27:2012**

Specifications for particular types of winding wires Part 27: Paper tape covered rectangular copper wire (IEC 60317-27:201X)

**Data Limite:** 2012-10-26

TC 55

**FprEN 60317-28:2012**

Specifications for particular types of winding wires Part 28: Polyesterimide enamelled rectangular copper wire, class 180 (IEC 60317-28:201X)

**Data Limite:** 2012-10-26

TC 57

**FprEN 61850-3:2012**

Communication networks and systems for power utility automation Part 3: General requirements (IEC 61850-3:201X)

**Data Limite:** 2012-10-19

TC 57

**FprEN 61850-5:2012**

Communication networks and systems for power utility automation Part 5: Communication requirements for functions and device models (IEC 61850-5:201X)

**Data Limite:** 2012-11-30

TC 57

**FprEN 61850-7-410:2012**

Communication networks and systems for power utility

automation Part 7- 410: Basic communication structure - Hydroelectric power plants - Communication for monitoring and control (IEC 61850-7-410:201X)

**Data Limite:** 2012-10-05

TC 57

**FprEN 61850-10:2012**

Communication networks and systems for power utility automation Part 10: Conformance testing (IEC 61850-10:201X)

**Data Limite:** 2012-11-23

TC 57

**FprEN 61968-9:2012**

Application integration at electric utilities - System interfaces for distribution management Part 9: Interface standard for meter reading and control (IEC 61968-9:201X)

**Data Limite:** 2012-10-05

TC 57

**FprEN 61968-100:2012**

Application integration at electric utilities - System interfaces for distribution management Part 100: Implementation profiles (IEC 61968-100:201X)

**Data Limite:** 2012-10-05

TC 57

**FprEN 61970-301:2012**

Energy management system application program interface (EMS-API) Part 301: Common information model (CIM) base (IEC 61970-301:201X)

**Data Limite:** 2013-01-04

TC 57

**FprEN 61970-452:2012**

Energy Management System Application Program Interface (EMS-API) Part 452: CIM Static transmission network model profiles

**Data Limite:** 2013-01-04

TC 57

**FprEN 61970-453:2012**

Energy Management System Application Program Interface (EMS-API) Part 453: Diagram Layout Profile (IEC 61970-453:2012)

**Data Limite:** 2013-01-04

TC 57

**FprEN 61970-552:2012**

Energy Management System Application Program Interface (EMS-API) Part 552: CIM XML Model Exchange Format (IEC 61970-552:201X)

**Data Limite:** 2012-11-30

TC 57

**FprEN 62325-351:2012**

Framework for energy market communications Part 351: CIM European market model exchange profile (IEC 62325-351:201X)

**Data Limite:** 2012-10-26

TC 57

**FprEN 62325-451-1:2012**

Framework for energy market communications Part 451-1: Acknowledgement business process and contextual model for CIM European market (IEC 62325-451-1:201X)

**Data Limite:** 2013-01-04

TC 57

**FprEN 62488-1:2012**

Power line communication systems for power utility applications Part 1: Planning of analogue and digital power line carrier systems operating over EHV/HV/MV electricity grids  
(IEC 62488-1:201X)

**Data Limite:** 2012-11-09

TC 59X

**FprEN 50559:2012**

Electric room heating, underfloor heating, characteristics of performance - Definitions, method of testing, sizing and formula symbols

**Data Limite:** 2012-11-16

TC 59X

**FprEN 61121:2012**

Tumble dryers for household use - Methods for measuring the performance  
(IEC 61121:2012, modif)

**Data Limite:** 2012-11-23

TC 61

**EN 60335-2-2:2010 /FprA 1:2012**

Household and similar electrical appliances - Safety Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances  
(IEC 60335-2-2:2009/A1:201X)

**Data Limite:** 2012-10-19

TC 61

**EN 60335-2-4:2010 /FprA 1:2012**

Household and similar electrical appliances - Safety Part 2-4: Particular requirements for spin extractors  
(IEC 60335-2-4:2008/A1:201X)

**Data Limite:** 2012-10-19

TC 61

**FprEN 60335-2-5:2012**

Household and similar electrical appliances - Safety Part 2-5: Particular requirements for dishwashers  
(IEC 60335-2-5:201X)

**Data Limite:** 2012-10-19

TC 61

**EN 60335-2-6:2003 /FprA D:2012**

Household and similar electrical appliances - Safety Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

**Data Limite:** 2012-10-12

TC 61

**EN 60335-2-7:2010 /FprAB B:2012**

Household and similar electrical appliances - Safety Part 2-7: Particular requirements for washing machines

**Data Limite:** 2012-10-12

TC 61

**EN 60335-2-7:2010 /FprA C:2012**

Household and similar electrical appliances - Safety Part 2-7: Particular requirements for washing machines

**Data Limite:** 2012-11-23

TC 61

**EN 60335-2-8:2003 /FprAB B:2012**

Household and similar electrical appliances - Safety Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

**Data Limite:** 2012-11-23

TC 61

**FprEN 60335-2-8:2012**

Household and similar electrical appliances - Safety Part

2-8: Particular requirements for shavers, hair clippers and similar appliances

(IEC 60335-2-8:201X)

**Data Limite:** 2012-11-16

TC 61

**EN 60335-2-9:2003 /FprA D:2012**

Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

**Data Limite:** 2013-01-11

TC 61

**EN 60335-2-9:2009 /FprA 1:2012**

Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances  
(IEC 60335-2-9:2008/A1:201X)

**Data Limite:** 2012-10-19

TC 61

**EN 60335-2-9:2009 /FprA A:2012**

Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

**Data Limite:** 2013-01-11

TC 61

**EN 60335-2-11:2010 /FprA 1:2012**

Household and similar electrical appliances - Safety Part 2-11: Particular requirements for tumble dryers  
(IEC 60335-2-11:2008/A1:201X)

**Data Limite:** 2012-10-05

TC 61

**EN 60335-2-14:2006 /FprA 2:2012**

Household and similar electrical appliances - Safety Part 2-14: Particular requirements for kitchen machines  
(IEC 60335-2-14:2006/A2:201X)

**Data Limite:** 2012-10-19

TC 61

**FprEN 60335-2-15:2012**

Household and similar electrical appliances - Safety Part 2-15: Particular requirements for appliances for heating liquids

(IEC 60335-2-15:201X)

**Data Limite:** 2012-10-19

TC 61

**FprEN 60335-2-21:2012**

Household and similar electrical appliances - Safety Part 2-21: Particular requirements for storage water heaters  
(IEC 60335-2-21:201X)

**Data Limite:** 2012-10-19

TC 61

**FprEN 60335-2-31:2012**

Household and similar electrical appliances - Safety Part 2-31: Particular requirements for range hoods and other cooking fume extractors

(IEC 60335-2-31:201X)

**Data Limite:** 2012-10-19

TC 61

**EN 60335-2-35:2002 /prA A:2012**

Household and similar electrical appliances - Safety Part 2-35: Particular requirements for instantaneous water heaters

**Data Limite:** 2012-10-12



TC 61

**FprEN 60335-2-35:2012**

Household and similar electrical appliances - Safety Part 2-35: Particular requirements for instantaneous water heaters

(IEC 60335-2-35:201X)

**Data Limite:** 2012-10-19

TC 61

**FprEN 60335-2-41:2012**

Household and similar electrical appliances - Safety Part 2-41: Particular requirements for pumps

(IEC 60335-2-41:201X)

**Data Limite:** 2012-11-16

TC 61

**FprEN 60335-2-75:2012**

Household and similar electrical appliances - Safety Part 2-75: Particular requirements for commercial dispensing appliances and vending machines

(IEC 60335-2-75:201X)

**Data Limite:** 2012-11-16

TC 61

**EN 60335-2-102:2006 /FprA 2:2012**

Household and similar electrical appliances - Safety Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections

(IEC 60335-2-102:2004/A2:201X)

**Data Limite:** 2012-10-19

TC 62

**EN 60601-1-6:2010 /FprA 1:2012**

Medical electrical equipment Part 1-6: General requirements for basic safety and essential performance - Collateral standard: Usability

(IEC 60601-1-6:2010/A1:201X)

**Data Limite:** 2012-10-26

TC 62

**EN 60601-1-9:2008 /FprA 1:2012**

Medical electrical equipment Part 1-9: General requirements for basic safety and essential performance - Collateral Standard: Requirements for environmentally conscious design

(IEC 60601-1-9:2007/A1:201X)

**Data Limite:** 2013-01-11

TC 62

**EN 60601-1-10:2008 /FprA 1:2012**

Medical electrical equipment Part 1-10: General requirements for basic safety and essential performance - Collateral Standard: Requirements for the development of physiologic closed-loop controllers

(IEC 60601-1-10:2007/A1:201X)

**Data Limite:** 2013-01-11

TC 62

**EN 60601-2-33:2010 /FprA 1:2012**

Medical electrical equipment Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

(IEC 60601-2-33:2010/A1:201X)

**Data Limite:** 2012-11-30

TC 62

**FprEN 60601-2-36:2012**

Medical electrical equipment Part 2: Particular requirements for the basic safety and essential performance of extracorporeally induced lithotripsy

(IEC 60601-2-36: 201X)

**Data Limite:** 2012-12-14

TC 62

**EN 60601-2-37:2008 /FprA 1:2012**

Medical electrical equipment Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment

(IEC 60601-2-37:2007/A1:201X)

**Data Limite:** 2013-01-11

TC 62

**FprEN 60601-2-68:2012**

Medical electrical equipment Part 2-68: Particular requirements for basic safety and essential performance of X-ray based image guided radiotherapy equipment for use with electron accelerators, light ion beam therapy systems and radionuclide beam therapy equipment systems

**Data Limite:** 2012-12-14

TC 62

**FprEN 61674:2012**

Medical electrical equipment - Dosimeters with ionization chambers and/or semi-conductor detectors as used in X-ray diagnostic imaging

(IEC 61674:201X)

**Data Limite:** 2012-11-16

TC 62

**FprEN 61675-1:2012**

Radionuclide imaging devices - Characteristics and test conditions Part 1: Positron emission tomographs

(IEC 61675-1: 201X)

**Data Limite:** 2012-12-14

TC 62

**EN 62366:2008 /FprA 1:2012**

Medical devices - Application of usability engineering to medical devices

(IEC 62366:2007/A1:201X)

**Data Limite:** 2013-01-11

TC 64

**prHD 60364-5-552:2012**

Low-voltage electrical installations Part 5-55: Selection and erection of electrical equipment - Other electrical equipment Clause 5512- Low-voltage generating sets-stand-alone

(IEC 60364-5-55:2001, modif)

**Data Limite:** 2012-10-12

TC 65X

**FprEN 61010-2-201:2012**

Safety requirements for electrical equipment for measurement, control, and laboratory use Part 2-201: Particular requirements for control equipment, excluding functional safety, in the scope of industrial-process measurement, control and automation

(IEC 61010-2-201:201X)

**Data Limite:** 2012-11-30

TC 65X

**FprEN 61158-1:2012**

Industrial communication networks - Fieldbus specifications Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series

(IEC 61158-1:201X)

**Data Limite:** 2012-10-12

TC 65X

**FprEN 61158-2:2012**

Industrial communication networks - Fieldbus specifications Part 2: Physical layer specification and service definition

(IEC 61158-2:201X)

**Data Limite:** 2012-10-12

TC 65X

**FprEN 61158-3-1:2012**

Industrial communication networks - Fieldbus specifications Part 3-1: Data-link layer service definition (IEC 61158-3-1:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-1:2012**

Industrial communication networks - Fieldbus specifications Part 3-2: Data-link layer service definition - Type 2 elements (IEC 61158-3-2:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-3:2012**

Industrial communication networks - Fieldbus specifications Part 3-3: Data-link layer service definition - Type 3 elements (IEC 61158-3-3:20X1)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-4:2012**

Industrial communication networks - Fieldbus specifications Part 3 -X: Data-link layer service definition - Type x elements (IEC 61158-3-X:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-4:2012**

Industrial communication networks - Fieldbus specifications Part 3-4: Data-link layer service definition - Type 4 elements (IEC 61158-3-4:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-12:2012**

Industrial communication networks - Fieldbus specifications Part 3-12: Data-link layer service definition - Type 12 elements (IEC 61158-3-12:20X1)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-13:2012**

Industrial communication networks - Fieldbus specifications Part 3-13: Data-link layer service definition - Type 13 elements (IEC 61158-3-13:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-20:2012**

Industrial communication networks - Fieldbus specifications Part 3-20: Data-link layer service definition - Type 20 elements (IEC 61158-3-20:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-3-24:2012**

Industrial communication networks - Fieldbus specifications Part 3-24: Data-link layer service definition - Type 24 elements (IEC 61158-3-24:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-1:2012**

Industrial communication networks - Fieldbus specifications Part 4-1: Data-link layer protocol specification - Type 1 elements (IEC 61158-4-1:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-2:2012**

Industrial communication networks - Fieldbus specifications Part 4-2: Data-link layer protocol specification - Type 2 elements (IEC 61158-4-2:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-3:2012**

Industrial communication networks - Fieldbus specifications Part 4-3: Data-link layer protocol specification - Type 3 elements (IEC 61158-4-3:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-4:2012**

Industrial communication networks - Fieldbus specifications Part 4-4: Data-link layer protocol specification - Type 4 elements (IEC 61158-4-4:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-11:2012**

Industrial communication networks - Fieldbus specifications Part 4-11: Data-link layer protocol specification - Type 11 elements (IEC 61158-4-11:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-12:2012**

Industrial communication networks - Fieldbus specifications Part 4-12: Data-link layer protocol specification - Type 12 elements (IEC 61158-4-12:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-13:2012**

Industrial communication networks - Fieldbus specifications Part 4-13: Data-link layer protocol specification - Type 13 elements (IEC 61158-4-13:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-14:2012**

Industrial communication networks - Fieldbus specifications Part 4-14: Data-link layer protocol specification - Type 14 elements (IEC 61158-4-14:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-19:2012**

Industrial communication networks - Fieldbus specifications Part 4-19: Data-link layer protocol specification - Type 19 elements (IEC 61158-4-19:201X)

**Data Limite:** 2012-10-19

TC 65X

**FprEN 61158-4-20:2012**

Industrial communication networks - Fieldbus specifications Part 4-20: Data-link layer protocol specification - Type 20 elements (IEC 61158-4-20:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-4-22:2012**  
Industrial communication networks - Fieldbus specifications Part 4-22: Data-link layer protocol specification - Type 22 elements (IEC 61158-4-22:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-4-24:2012**  
Industrial communication networks - Fieldbus specifications Part 4-24: Data-link layer protocol specification - Type 24 elements (IEC 61158-4-24:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-5-4:2012**  
Industrial communication networks - Fieldbus specifications Part 5-4: Application layer service definition - Type 4 elements (IEC 61158-5-4:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-5-5:2012**  
Industrial communication networks - Fieldbus specifications Part 5-5: Application layer service definition - Type 5 elements (IEC 61158-5-5:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-5-9:2012**  
Industrial communication networks - Fieldbus specifications Part 5-9: Application layer service definition - Type 9 elements (IEC 61158-5-9:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-5-13:2012**  
Industrial communication networks - Fieldbus specifications Part 5-13: Application layer service definition - Type 13 elements (IEC 61158-5-13:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-5-24:2012**  
Industrial communication networks - Fieldbus specifications Part 5-24: Application layer service definition - Type 24 elements (IEC 61158-5-24:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-6-4:2012**  
Industrial communication networks - Fieldbus specifications Part 6-4: Application layer protocol specification - Type 4 elements (IEC 61158-6-4:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-6-5:2012**  
Industrial communication networks - Fieldbus specifications Part 6-5: Application layer protocol

specification - Type 5 elements (IEC 61158-6-5:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-6-13:2012**  
Industrial communication networks - Fieldbus specifications Part 6-13: Application layer protocol specification - Type 13 elements (IEC 61158-6-13:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-6-23:2012**  
Industrial communication networks - Fieldbus specifications Part 6-23: Application layer protocol specification - Type 23 elements (IEC 61158-6-23:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61158-6-24:2012**  
Industrial communication networks - Fieldbus specifications Part 6-24: Application layer protocol specification - Type 24 elements (IEC 61158-6-24:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61499-1:2012**  
Function blocks Part 1: Architecture (IEC 61499-1:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61499-2:2012**  
Function blocks Part 2: Software tool requirements (IEC 61499-2:201X)  
**Data Limite:** 2012-10-19

TC 65X  
**FprEN 61784-1:2012**  
Industrial communication networks - Profiles Part 1: Fieldbus profiles (IEC 61784-1:201X)  
**Data Limite:** 2012-10-12

TC 65X  
**FprEN 61784-2:2012**  
Industrial communication networks - Profiles Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3 (IEC 61784-2:201X)  
**Data Limite:** 2012-10-12

TC 65X  
**FprEN 62657-2:2012**  
Industrial communication networks - Wireless communication networks Part 2: Coexistence management (IEC 62657-2:201X)  
**Data Limite:** 2013-01-04

TC 65X  
**FprEN 62714-1:2012**  
Engineering data exchange format for use in industrial automation systems engineering- AutomationML Part 1: Architecture and general requirement (IEC 62714-1:201X)  
**Data Limite:** 2013-01-04

TC 65X  
**FprEN 62734:2012**  
Industrial communication networks - Wireless

communication network and communication profiles -  
ISA 100.11 a

(IEC 62734:201X)

**Data Limite:** 2013-01-18

TC 78

**FprEN 60903:2012**

Live working - Electrical insulating gloves

(IEC 60903:201X)

**Data Limite:** 2013-02-15

TC 78

**FprEN 60984:2012**

Live working - Electrical insulating sleeves

(IEC 60984:201X)

**Data Limite:** 2013-02-15

TC 79

**FprTS 50136-9:2012**

Alarm systems - Alarm transmission systems and  
equipment Part 9: Requirements for common protocol for  
alarm transmission using the Internet protocol

**Data Limite:** 2012-10-05

TC 79

**FprEN 62676-1-1:2012**

Video surveillance systems for use in security  
applications Part 1-1: Video system requirements  
(IEC 62676-1-1:201X)

**Data Limite:** 2012-11-09

TC 79

**FprEN 62676-1-2:2012**

Video surveillance systems for use in security  
applications Part 1-2: Video transmission - General  
video transmission - requirements  
(IEC 62676-1-2:201X)

**Data Limite:** 2012-11-09

TC 79

**FprEN 62676-2-1:2012**

Video surveillance systems for use in security  
applications Part 2-1: Video transmission protocols -  
General requirements  
(IEC 62676-2-1:201X)

**Data Limite:** 2012-10-26

TC 79

**FprEN 62676-2-2:2012**

Video surveillance systems for use in security  
applications Part 2-2: Video transmission protocols -  
IP interoperability implementation based on HTTP and  
REST services  
(IEC 62676-2-2:201X)

**Data Limite:** 2012-10-26

TC 79

**FprEN 62676-2-3:2012**

Video surveillance systems for use in security  
applications Part 2-3: Video transmission protocols - IP  
interoperability implementation based on web services  
(IEC 62676-2-3:201X)

**Data Limite:** 2012-10-26

TC 82

**EN 50530:2010 /FprA A:2012**

Overall efficiency of grid connected photovoltaic  
inverters

**Data Limite:** 2012-11-16

TC 82

**prEN 50583:2012**

Photovoltaics in building

**Data Limite:** 2013-03-08

TC 82

**FprEN 60904-8:2012**

Photovoltaic devices Part 8: Measurement of spectral  
response of a photovoltaic (PV) device  
(IEC 60904-8:201X)

**Data Limite:** 2012-11-23

TC 82

**FprEN 62670-1:2012**

Concentrator photovoltaic (CPV) performance testing  
Part 1: Standard conditions  
(IEC 62670-1:201X)

**Data Limite:** 2012-11-30

TC 82

**FprEN 62716:2012**

Ammonia corrosion testing of photovoltaic (PV)  
modules  
(IEC 62716:201X)

**Data Limite:** 2012-11-02

TC 86BXA

**FprEN 50411-3-6:2012**

Fibre organisers and closures to be used in optical  
fibre communications systems - Product specifications  
Part 3-6: Multimode mechanical fibre splice

**Data Limite:** 2012-11-16

TC 86A

**prEN 50551-2:2012**

Simplex and duplex cables to be used for cords Part 2:  
Detailed specification and minimum requirements for  
simplex ruggedized single mode cables to be used for  
patchcords/cords category U

**Data Limite:** 2012-11-09

TC 86A

**prEN 50582:2012**

Method of test for resistance to fire of unprotected  
optical fibre cables for use in emergency circuits  
(diameter less than or equal to 20 mm)

**Data Limite:** 2012-10-19

TC 86A

**FprEN 60793-2-50:2012**

Optical fibres Part 2-50: Product specifications -  
Sectional specification for class B single-mode fibres  
(IEC 60793-2-50:201X)

**Data Limite:** 2012-11-23

TC 86A

**FprEN 60794-2-20:2012**

Optical fibre cables Part 2-20: Indoor cables - Family  
specification for multi-fibre optical cables  
(IEC 60794-2-20:201X)

**Data Limite:** 2012-11-09

TC 86A

**FprEN 60794-2-31:2012**

Optical fibre cables Part 2-31: Indoor cables - Detailed  
specification for optical fibre ribbon cables for use in  
premises cabling  
(IEC 60794-2-31:201X)

**Data Limite:** 2012-10-12

TC 86A

**FprEN 60794-3-12:2012**

Optical fibre cables Part 3-12: Outdoor optical fibre  
cables - Detail specification for duct and directly buried  
optical telecommunication cables for use in premises  
cabling  
(IEC 60794-3-12:201X)

**Data Limite:** 2012-11-16

TC 86A

**FprEN 60794-4-20:2012**

Optical fibre cables Part 4-20: Aerial optical cables along electrical power lines - Family specification for ADSS (All Dielectric Self Supported) optical cables (IEC 60794-4-20: 201X)

**Data Limite:** 2012-10-05

TC 86BXA

**FprEN 60869-1:2012**

Fibre optic interconnecting devices and passive components - Fibre optic passive power control devices Part 1: Generic specification (IEC 60869-1:201X)

**Data Limite:** 2012-11-23

TC 86BXA

**FprEN 61300-2-11:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-11: Tests - Axial compression (IEC 61300-2-11:201X)

**Data Limite:** 2012-10-12

TC 86BXA

**FprEN 61300-2-14:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-14: Tests - Optical power (IEC 61300-2-14:201X)

**Data Limite:** 2012-10-12

TC 86BXA

**FprEN 61300-2-19:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-19: Tests - Damp heat (steady state) (IEC 61300-2-19:201X)

**Data Limite:** 2012-10-19

TC 86BXA

**FprEN 61300-3-4:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-4: Examinations and measurements - Attenuation (IEC 61300-3-4:201X)

**Data Limite:** 2012-11-02

TC 86BXA

**FprEN 61300-3-52:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-52: Measurement - Guide hole and alignment pin deformation constant, CD for 8 degree angled PC rectangle ferrule, single mode fibres (IEC 61300-3-52:201X)

**Data Limite:** 2013-01-04

TC 86BXA

**FprEN 61753-021-3:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 021-3: Single-mode fibre optic connectors for category U - Uncontrolled environment (IEC 61753-021-3:201X)

**Data Limite:** 2012-11-02

TC 86BXA

**FprEN 61753-022-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 022-2: Fibre optic connectors terminated on multimode fibre for category C - Controlled environment

(IEC 61753-022-2:201X)

**Data Limite:** 2012-10-19

TC 86BXA

**FprEN 61753-056-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 056-2: Single mode fibre pigtailed style optical fuse for category C - Controlled environment (IEC 61753-056-2:201X)

**Data Limite:** 2012-11-16

TC 86BXA

**FprEN 61753-057-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 057-2: Single mode fibre plug-receptacle-receptacle style optical fuse for category C - Controlled environment (IEC 61753-057-2:201X)

**Data Limite:** 2012-11-16

TC 86BXA

**FprEN 61753-071-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 071-2: Non-connectorised single-mode fibre optic 1 x 2 and 2 x 2 spatial switches for category C - Controlled environments

**Data Limite:** 2012-12-14

TC 86BXA

**FprEN 61753-143-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 143-2: Optical passive VIPA-based dispersion compensator of single-mode fibre transmission for category C - Controlled environments (IEC 61753-143-2:201X)

**Data Limite:** 2012-10-19

TC 86BXA

**FprEN 61754-7-1:2012**

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces Part 7-1: Type MPO connector family - One fibre row (IEC 61754-7-1:201X)

**Data Limite:** 2013-01-04

TC 86BXA

**FprEN 61754-7-2:2012**

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces Part 7-2: Type MPO connector family - Two fibre rows (IEC 61754-7-2:201X)

**Data Limite:** 2013-01-04

TC 88

**FprEN 61400-2:2012**

Wind turbines Part 2: Small wind turbines (IEC 61400-2:201X)

**Data Limite:** 2013-01-25

TC 88

**FprEN 61400-4:2012**

Wind turbines Part 4: Design requirements for wind turbine gearboxes (IEC 61400-4:201X)

**Data Limite:** 2012-11-09

TC 88

**FprEN 61400-11:2012**

Wind turbines Part 11: Acoustic noise measurement techniques (IEC 61400-11:201X)

**Data Limite:** 2012-10-19

TC 100X

**FprEN 61883-6:2012**

Consumer audio/video equipment - Digital interface Part 6: Audio and music data transmission protocol (IEC 61883-6:2005/A1:201X)

**Data Limite:** 2012-11-09

TC 100X

**EN 61883-8:2009 /FprA 1:2012**

Consumer audio/video equipment - Digital interface Part 8: Transmission of ITU-R BT.601 style digital video data

(IEC 61883-8:2008/A1:201X)

**Data Limite:** 2012-11-30

TC 100X

**EN 61937-6:2006 /FprA 1:2012**

Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 Part 6:

Non-linear PCM bitstreams according to the MPEG-2 AAC and MPEG-4 AAC audio formats

(IEC 61937-6:2006/A1:201X)

**Data Limite:** 2012-12-14

TC 100X

**FprEN 62379-5-2:2012**

Common control interface for networked digital audio and video products Part 5-2: Transmission over networks - Signalling

(IEC 62379-5-2:201X)

**Data Limite:** 2012-11-30

TC 100X

**FprEN 62394:2012**

Service diagnostic interface for consumer electronics products and networks - Implementation for ECHONET (IEC 62394:201X)

**Data Limite:** 2012-10-19

TC 100X

**FprEN 62516-3:2012**

Terrestrial digital multimedia broadcasting (T-DMB) receivers Part 3: Common API

**Data Limite:** 2012-10-19

TC 106X

**EN 50492:2008 /prA A:2012**

Basic standard for the in-situ measurement of electromagnetic field strength related to human exposure in the vicinity of base stations

**Data Limite:** 2013-02-15

TC 108X

**FprEN 62623:2012**

Desktop and notebook computers - Measuring the energy consumption

(IEC 62623:201X)

**Data Limite:** 2012-10-19

TC 116

**EN 60745-2-22:2011 /FprAB B:2012**

Hand-held motor-operated electric tools - Safety Part 2-22: Particular requirements for cut-off machines

**Data Limite:** 2012-11-09

TC 116

**FprEN 60745-2-23:2012**

Hand-held motor-operated electric tools - Safety Part 2-23: Particular requirements for die grinders and small rotary tools

(IEC 60745-2-23:201X)

**Data Limite:** 2012-11-16

TC 116

**EN 60745-2-23:2012 /FprA A:2012**

Hand-held motor-operated electric tools - Safety Part 2-23: Particular requirements for die grinders and small rotary tools

**Data Limite:** 2012-11-16

TC 116

**FprEN 6XXXX-1:2012**

Electric Motor - Operated Hand-Held, Transportable Tools and Lawn and Garden Machinery - Safety Part 1: General requirements

(IEC 6XXXX-1:201X)

**Data Limite:** 2013-01-11

TC 116

**FprEN 6XXXX-3-1:2012**

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety Part 3-1: Particular requirements for transportable table saws

(IEC 6XXXX-3-1:201X)

**Data Limite:** 2013-01-04

TC 116

**FprEN 6XXXX-3-6:2012**

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety Part 3-6: Particular requirements for diamond drills with liquid system

(IEC 6XXXX-3-6:201X)

**Data Limite:** 2013-01-04

TC 210

**FprEN 50561-1:2012**

Power line communication apparatus used in low-voltage installations - Radio disturbance characteristics - Limits and methods of measurement Part 1: Apparatus for in-home use

**Data Limite:** 2012-11-02

TC 210

**EN 55016-4-2:2011 /FprA 1:2012**

Specification for radio disturbance and immunity measuring apparatus and methods Part 4-2: Uncertainties, statistics and limit modelling - Measurement

instrumentation uncertainty (CISPR 16-4-2:2011/A1:201X)

**Data Limite:** 2012-11-16

TC 210

**EN 55020:2007 /FprA 1:2012**

Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement

(CISPR 20:2006/A1:201X)

**Data Limite:** 2012-11-02

TC 210

**FprEN 55035:2012**

Electromagnetic compatibility of multimedia equipment - Immunity requirements

(CISPR 35:201X)

**Data Limite:** 2012-11-02

TC 210

**FprEN 61000-4-6:2012**

Electromagnetic compatibility (EMC) Part 4-6: Testing and measurement techniques - Conducted disturbances, induced by radio-frequency fields immunity test

(IEC 61000-4-6:201X)

**Data Limite:** 2012-11-16

TC 213

**EN 61386-1:2008 /FprA 1:2012**

Conduit systems for cable management Part 1: General requirements

(IEC 61386-1:2008/A1:201X)

**Data Limite:** 2012-11-16

TC 215

**EN 50173-4:2007 /FprAB B:2012**

Information technology - Generic cabling systems Part 4: Homes

**Data Limite:** 2012-10-05

TC 215

**EN 50173-5:2007 /FprAB B:2012**

Information technology - Generic cabling systems Part 5:

Data centres

**Data Limite:** 2012-10-05

TC 215

**prEN 50600-2-1:2012**

Information technology - Data centre facilities and infrastructures Part 2-1: Building construction

**Data Limite:** 2013-03-01

TC 215

**prEN 50600-2-2:2012**

Information technology - Data centre facilities and infrastructures Part 2-2: Power distribution

**Data Limite:** 2013-03-01

TC 215

**prEN 50700:2012**

Information technology - Premises distribution access network (PDAN) cabling to support deployment of optical broadband networks

**Data Limite:** 2013-02-08

## 6.2 Propostas de anulação de Normas

As propostas de anulação de normas estão organizadas por Comitês Técnicos do CENELEC.

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

**LISTA VAZIA**



### 6.3 Proposta de estudo de novas normas - "Vilamoura Procedures"

Lista de propostas de estudo baseadas em novas normas ou em revisão de normas apresentadas por organismos nacionais membros do CENELEC, com vista à possível elaboração de normas europeias

**LISTA VAZIA**

## 6.4 Questionários preliminares

Lista dos Documentos de Referência (RD) objecto de Questionários Preliminares (PQ), com vista à sua aceitação como normas europeias.

**LISTA VAZIA**

## 7. Projetos de Normas e Propostas de Estudo de Novas Normas do Comité Europeu de Normalização (CEN) / Comité Europeu de Normalização Eletrotécnica (CENELEC)

### 7.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

CEN/TC 256

**prEN 45545-5:2012**

Railway applications - Fire protection on railway vehicles  
Part 5: Fire safety requirements for electrical equipment  
including that of trolley buses, track guided buses and  
magnetic levitation vehicles

**Data Limite:** 2012-11-02

## 8. Projetos de normas do Instituto Europeu de Normalização para as Telecomunicações (ETSI)

### 8.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

TC ETSI

**prEN 300296-1:2012**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech Part 1: Technical characteristics and methods of measurement

**Data Limite:** 2012-11-17

TC ETSI

**prEN 300296-2:2012**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

**Data Limite:** 2012-11-17

TC ETSI

**prEN 300609-4:2012**

Global System for Mobile communications (GSM) Part 4: Harmonized EN for GSM Repeaters covering the essential requirements of article 3.2 of the R&TTE Directive

**Data Limite:** 2012-11-02

TC ETSI

**prEN 301473:2012**

Satellite Earth Stations and Systems (SES); Aircraft Earth Stations (AES) operating below 3 GHz under the Aeronautical Mobile Satellite Service (AMSS)/Mobile Satellite Service (MSS) and/or the Aeronautical Mobile Satellite on Route Service (AMS(R)S)/Mobile Satellite Service (MSS)

**Data Limite:** 2012-10-31

TC ETSI

**prEN 301489-3:2012**

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz

**Data Limite:** 2012-11-17

TC ETSI

**prEN 301489-4:2012**

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services Part 4: Specific conditions for fixed radio links and ancillary equipment

**Data Limite:** 2012-11-17

TC ETSI

**prEN 301502:2012**

Global System for Mobile communications (GSM); Harmonized EN for Base Station Equipment covering the essential requirements of article 3.2 of the R&TTE Directive

**Data Limite:** 2012-11-02

TC ETSI

**prEN 301908-1:2012**

IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive Part 1: Introduction and common requirements

**Data Limite:** 2012-11-09

TC ETSI

**prEN 301908-18:2012**

IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)

**Data Limite:** 2012-11-16

TC ETSI

**prEN 302217-1:2012**

Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas Part 1: Overview and system-independent common characteristics

**Data Limite:** 2013-01-16

TC ETSI

**prEN 302217-2-2:2012**

Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

**Data Limite:** 2013-01-22

TC ETSI

**prEN 302217-3:2012**

Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

**Data Limite:** 2013-01-22

TC ETSI

**prEN 302961-1:2012**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime Personal Homing Beacon intended for use on the frequency 121,5 MHz for search and rescue purposes only Part 1: Technical characteristics and methods of measurement

**Data Limite:** 2012-11-02

TC ETSI

**prEN 302961-2:2012**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime Personal Homing Beacon intended for use on the frequency 121,5 MHz for search and rescue purposes only Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

**Data Limite:** 2012-11-02

TC ETSI

**prEN 302999:2012**

SAFETY; Remote Power Feeding Installations; Safety requirements for the erection and operation of information technology installations with remote power feeding

**Data Limite:** 2012-10-02

TC ETSI

**prEN 303213-2:2012**

Advanced Surface Movement Guidance and Control System (A-SMGCS) Part 2: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 2 including external interfaces

**Data Limite:** 2012-11-29

TC ETSI

**prEN 303978:2012**

Satellite Earth Stations and Systems (SES); Harmonized EN for Earth Stations on Mobile Platforms (ESOMP) transmitting towards satellites in geostationary orbit in the 27,5 GHz to 30,0 GHz frequency bands covering the essential requirements of article 3.2 of the R&TTE

Directive

**Data Limite:** 2012-11-21

## 8.2 Propostas de anulação de Normas

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

**LISTA VAZIA**

## 9. Projetos de normas e propostas de estudo de novas Normas de Organização Internacional de Normalização (ISO)

Os projetos de normas e propostas de estudo de novas normas estão organizadas por Comitês Técnicos da ISO.

### 9.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

**FDIS 11640:2012**

Leather Tests for colour fastness Colour fastness to cycles of to-and-fro rubbing

**Data Limite:** 2012-10-23

**FDIS 11641:2012**

Leather Tests for colour fastness Colour fastness to perspiration

**Data Limite:** 2012-10-23

**FDIS 11642:2012**

Leather Tests for colour fastness Colour fastness to water

**Data Limite:** 2012-10-23

**DIS 13574:2012**

Industrial furnaces and associated processing equipment Vocabulary

**Data Limite:** 2012-10-02

**FDIS 13579-1:2012**

Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 1: General methodology

**Data Limite:** 2012-11-19

**FDIS 13579-2:2012**

Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 2: Reheating furnaces for steel

**Data Limite:** 2012-11-19

**FDIS 13579-3:2012**

Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 3: Batch-type aluminium melting furnaces

**Data Limite:** 2012-11-19

**FDIS 13579-4:2012**

Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 4: Furnaces with protective or reactive atmosphere

**Data Limite:** 2012-11-19

**FDIS 14268:2012**

Leather Physical and mechanical tests Determination of water vapour permeability

**Data Limite:** 2012-10-16

**DIS 17070:2012**

Leather Chemical tests Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content

**Data Limite:** 2013-01-02

**DIS 18218-1:2012**

Leather Determination of ethoxylated alkylphenols Part 1: Direct method

**Data Limite:** 2013-01-30

**DIS 18218-2:2012**

Leather Determination of ethoxylated alkylphenols Part 2: Indirect method

**Data Limite:** 2013-01-30

## TC 1

**ISO 9660:1998 /DAM 1:2012**

Information processing Volume and file structure of CD-ROM for information interchange AMENDMENT 1

**Data Limite:** 2012-12-20

## TC 1

**DIS 16239:2012**

Metric series wires for measuring screw threads

**Data Limite:** 2012-12-18

## TC 2

**FDIS 898-1:2012**

Mechanical properties of fasteners made of carbon steel and alloy steel Part 1: Bolts, screws and studs with specified property classes - Coarse thread and fine pitch thread

**Data Limite:** 2012-11-13

## TC 2

**FDIS 7040:2012**

Prevailing torque type hexagon nuts (with non-metallic insert), style 1 Property classes 5, 8 and 10

**Data Limite:** 2012-10-02

## TC 2

**FDIS 7042:2012**

Prevailing torque type all-metal hexagon nuts, style 2 Property classes 5, 8, 10 and 12

**Data Limite:** 2012-10-02

## TC 2

**FDIS 7719:2012**

Prevailing torque type all-metal hexagon nuts, style 1 Property classes 5, 8 and 10

**Data Limite:** 2012-10-02

## TC 2

**FDIS 10511:2012**

Prevailing torque type hexagon thin nuts (with non-metallic insert)

**Data Limite:** 2012-10-02

## TC 2

**FDIS 10512:2012**

Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread Property classes 6, 8 and 10

**Data Limite:** 2012-10-02

- TC 4  
**ISO 582:1995 /DAM 1:2012**  
Rolling bearings Chamfer dimensions Maximum values  
AMENDMENT 1  
**Data Limite:** 2012-12-02
- TC 4  
**FDIS 3228:2012**  
Rolling bearings Cast and pressed housings for insert bearings Boundary dimensions and tolerances  
**Data Limite:** 2012-11-28
- TC 4  
**DIS 3290-1:2012**  
Rolling bearings Balls Part 1: Steel balls  
**Data Limite:** 2012-12-03
- TC 4  
**DIS 3290-2:2012**  
Rolling bearings Balls Part 2: Ceramic balls  
**Data Limite:** 2012-12-03
- TC 6  
**FDIS 2469:2012**  
Paper, board and pulps Measurement of diffuse radiance factor (diffuse reflectance factor)  
**Data Limite:** 2012-10-20
- TC 6  
**FDIS 12625-11:2012**  
Tissue paper and tissue products Part 11: Determination of wet ball burst strength  
**Data Limite:** 2012-11-20
- TC 6  
**DIS 16065-1:2012**  
Pulps Determination of fibre length by automated optical analysis Part 1: Polarized light method  
**Data Limite:** 2012-12-11
- TC 6  
**DIS 16065-2:2012**  
Pulps Determination of fibre length by automated optical analysis Part 2: Unpolarized light method  
**Data Limite:** 2012-12-11
- TC 6  
**DIS 23714:2012**  
Pulps Determination of water retention value (WRV)  
**Data Limite:** 2012-12-11
- TC 8  
**DIS 16165:2012**  
Ships and marine technology Marine environment protection Terminology relating to oil spill response  
**Data Limite:** 2012-11-21
- TC 8  
**DIS 16304:2012**  
Ships and marine technology Marine environment protection Arrangement and management of port waste reception facilities  
**Data Limite:** 2012-12-26
- TC 8  
**DIS 16446:2012**  
Ships and marine technology Marine environment protection Adapter for joining dissimilar boom connectors  
**Data Limite:** 2012-10-25
- TC 8  
**FDIS 16548:2012**  
Ships and marine technology Ship design General guidance on emergency towing procedures  
**Data Limite:** 2012-10-06
- TC 8  
**DIS 16707:2012**  
Ships and marine technology Marine evacuation systems Determination of capacity  
**Data Limite:** 2013-01-04
- TC 8  
**DIS 28005-1:2012**  
Security management systems for the supply chain Electronic port clearance (EPC) Part 1: Message structures  
**Data Limite:** 2012-12-09
- TC 10  
**FDIS 10628-2:2012**  
Diagrams for the chemical and petrochemical industry Part 2: Graphical symbols  
**Data Limite:** 2012-10-09
- TC 17  
**FDIS 643:2012**  
Steels Micrographic determination of the apparent grain size  
**Data Limite:** 2012-10-09
- TC 17  
**FDIS 7452:2012**  
Hot-rolled steel plates Tolerances on dimensions and shape  
**Data Limite:** 2012-11-28
- TC 17  
**FDIS 13270:2012**  
Steel fibres for concrete Definitions and specifications  
**Data Limite:** 2012-11-28
- TC 17  
**DIS 13933:2012**  
Steel and iron Determination of calcium and magnesium Inductively coupled plasma atomic emission spectrometric method  
**Data Limite:** 2013-01-28
- TC 20  
**DIS 5859:2012**  
Aerospace series Graphic symbols for schematic drawings of hydraulic and pneumatic systems and components  
**Data Limite:** 2012-12-04
- TC 20  
**DIS 6517:2012**  
Air cargo Certified lower deck containers Design and testing  
**Data Limite:** 2012-10-22
- TC 20  
**DIS 11505:2012**  
Surface chemical analysis General procedures for quantitative compositional depth profiling by glow discharge optical emission spectrometry  
**Data Limite:** 2012-10-04
- TC 20  
**DIS 14186:2012**  
Air cargo Fire containment covers Design, performance and testing requirements  
**Data Limite:** 2012-10-25



TC 20

**FDIS 14200:2012**

Space environment (natural and artificial) Guide to process-based implementation of meteoroid and debris environmental models (orbital altitudes below GEO + 2 000 km)

**Data Limite:** 2012-10-29

TC 20

**DIS 15887:2012**

Space data and information transfer systems Data systems Lossless data compression

**Data Limite:** 2012-12-02

TC 20

**DIS 16049-2:2012**

Air cargo equipment Restraint straps Part 2: Utilization guidelines and lashing conditions

**Data Limite:** 2012-10-28

TC 20

**DIS 16290:2012**

Definition of the Technology Readiness Levels (TRL) and their criteria of assessment

**Data Limite:** 2012-12-26

TC 20

**DIS 17854:2012**

Space data and information transfer systems Flexible advanced coding and modulation scheme for high rate telemetry applications

**Data Limite:** 2012-12-02

TC 20

**DIS 18381:2012**

Space data and information transfer systems Lossless multispectral and hyperspectral image compression

**Data Limite:** 2012-12-02

TC 20

**DIS 18382:2012**

Space data and information transfer systems Spacecraft onboard interface services RFID-based inventory management systems

**Data Limite:** 2012-12-02

TC 20

**DIS 19631:2012**

Aerospace Tube fittings for fluid systems, 5 000 psi (35 000 kPa) Qualification specification

**Data Limite:** 2012-11-06

TC 20

**DIS 19632:2012**

Aerospace series Fitting end, 24° internal cone, external thread, flareless type extra fine thread pitch inch series Design standard

**Data Limite:** 2012-11-06

TC 20

**DIS 22664:2012**

Space data and information transfer systems TC (telecommand) space data link protocol

**Data Limite:** 2012-11-08

TC 20

**DIS 22667:2012**

Space data and information transfer systems Communications operation procedure-1

**Data Limite:** 2012-11-08

TC 20

**DIS 22669:2012**

Space data and information transfer systems Space link

extension (SLE) Return-all-frames service

**Data Limite:** 2012-11-08

TC 20

**DIS 22670:2012**

Space data and information transfer systems Space link extension (SLE) Return-channel-frames service

**Data Limite:** 2012-11-08

TC 20

**DIS 26143:2012**

Space data and information transfer systems Space link extension (SLE) Return operational control fields service

**Data Limite:** 2012-11-08

TC 20

**FDIS 26871:2012**

Space systems Explosive systems and devices

**Data Limite:** 2012-11-13

TC 21

**FDIS 6182-2:2012**

Fire protection Automatic sprinkler systems

Part 2: Requirements and test methods for wet alarm valves, retard chambers and water motor alarms

**Data Limite:** 2012-11-12

TC 21

**FDIS 6182-3:2012**

Fire protection Automatic sprinkler systems

Part 3: Requirements and test methods for dry pipe valves

**Data Limite:** 2012-11-19

TC 21

**FDIS 6182-5:2012**

Fire protection Automatic sprinkler systems

Part 5: Requirements and test methods for deluge valves

**Data Limite:** 2012-11-19

TC 21

**DIS 6182-10:2012**

Fire protection Automatic sprinkler systems Part 10:

Requirements and test methods for domestic sprinklers

**Data Limite:** 2012-10-15

TC 21

**FDIS 7240-23:2012**

Fire detection and alarm systems

Part 23: Visual alarm devices

**Data Limite:** 2012-11-28

TC 22

**FDIS 7641:2012**

Road vehicles Trailers up to 3,5 t Calculation of the mechanical strength of steel drawbars

**Data Limite:** 2012-10-17

TC 22

**ISO 10605:2008 /DAM 1:2012**

Road vehicles Test methods for electrical disturbances from electrostatic discharge

AMENDMENT 1

**Data Limite:** 2012-11-29

TC 22

**DIS 11451-4:2012**

Road vehicles Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy Part 4: Bulk current injection (BCI)

**Data Limite:** 2012-10-08

TC 22

**ISO 11486:2006 /FDAM 1:2012**

Motorcycles Methods for setting running resistance on a chassis dynamometer

AMENDMENT 1

**Data Limite:** 2012-11-14

TC 22

**DIS 13052:2012**

Road vehicles Trailers up to 3,5t - Requirements for jockey wheels and drawbar supports

**Data Limite:** 2012-10-25

TC 22

**DIS 14229-6:2012**

Road vehicles Unified diagnostic services (UDS) Part 6: UDS on K-Line implementation (UDSonK-Line)

**Data Limite:** 2012-12-26

TC 22

**FDIS 16750-2:2012**

Road vehicles Environmental conditions and testing for electrical and electronic equipment Part 2: Electrical loads

**Data Limite:** 2012-10-15

TC 22

**DIS 17479:2012**

Motorcycles Measurement methods for gaseous exhaust emissions during inspection or maintenance

**Data Limite:** 2012-12-18

TC 22

**DIS 17949:2012**

Impact test procedures for road vehicles Seating and positioning procedures for anthropomorphic test devices Procedure for the WorldSID 50th percentile male side-impact dummy in front outboard seating positions

**Data Limite:** 2012-12-04

TC 22

**DIS 18541-2:2012**

Road vehicles Standardized access to automotive repair and maintenance information (RMI) Part 2: Technical requirements

**Data Limite:** 2012-12-26

TC 22

**DIS 18541-3:2012**

Road vehicles Standardized access to automotive repair and maintenance information (RMI) Part 3: Functional user interface requirements

**Data Limite:** 2012-12-26

TC 22

**FDIS 18542-1:2012**

Road vehicles Standardized repair and maintenance information (RMI) terminology

Part 1: General information and use case definition

**Data Limite:** 2012-11-06

TC 22

**DIS 18542-2:2012**

Road vehicles Standardized repair and maintenance information (RMI) terminology Part 2: Standardized process implementation requirements, registration authority

**Data Limite:** 2012-12-26

TC 22

**DIS 19072-2:2012**

Road vehicles Connection interface for pyrotechnic devices, two-way and three-way connections Part 2: Test methods and general performance requirements

**Data Limite:** 2012-12-25

TC 22

**FDIS 22241-5:2012**

Diesel engines NOx reduction agent AUS 32 Part 5: Refilling interface for passenger cars

**Data Limite:** 2012-10-17

TC 23

**DIS 3776-2:2012**

Tractors and machinery for agriculture Seat belts Part 2: Anchorage strength requirements

**Data Limite:** 2012-10-29

TC 23

**DIS 5718:2012**

Harvesting equipment Blades for agricultural rotary mowers Requirements

**Data Limite:** 2012-12-31

TC 23

**DIS 5721-1:2012**

Agricultural tractors Requirements, test procedures and acceptance criteria for the operator's field of vision Part 1: Field of vision to the front

**Data Limite:** 2012-12-31

TC 23

**DIS 5721-2:2012**

Agricultural tractors Requirements, test procedures and acceptance criteria for the operator's field of vision Part 2: Field of vision to the side and to the rear

**Data Limite:** 2013-01-01

TC 23

**DIS 9912-2:2012**

Agricultural irrigation equipment Filters for microirrigation Part 2: Strainer-type filters and disc filters

**Data Limite:** 2012-11-25

TC 23

**ISO 10517:2009 /DAM 1:2012**

Powered hand-held hedge trimmers Safety

AMENDMENT 1

**Data Limite:** 2012-11-07

TC 23

**DIS 11783-3:2012**

Tractors and machinery for agriculture and forestry Serial control and communications data network Part 3: Data link layer

**Data Limite:** 2012-12-23

TC 23

**DIS 11783-6:2012**

Tractors and machinery for agriculture and forestry Serial control and communications data network Part 6: Virtual terminal

**Data Limite:** 2012-11-27

TC 23

**DIS 11783-10:2012**

Tractors and machinery for agriculture and forestry Serial control and communications data network Part 10: Task controller and management information system data interchange

**Data Limite:** 2012-12-06

TC 23

**DIS 16399-1:2012**

Meters for irrigation water Part 1: General requirements

**Data Limite:** 2012-12-17

TC 23

**FDIS 16438:2012**

Agricultural irrigation equipment Thermoplastic collapsible hoses for irrigation Specifications and test methods

**Data Limite:** 2012-11-06

TC 24

**DIS 12154:2012**

Determination of density by volumetric displacement Skeleton density by gas pycnometry

**Data Limite:** 2012-10-04

TC 24

**DIS 20998-2:2012**

Measurement and characterization of particles by acoustic methods Part 2: Guidelines for linear theory

**Data Limite:** 2012-10-04

TC 28

**DIS 5163:2012**

Petroleum products Determination of knock characteristics of motor and aviation fuels Motor method

**Data Limite:** 2012-10-10

TC 28

**DIS 5164:2012**

Petroleum products Determination of knock characteristics of motor fuels Research method

**Data Limite:** 2012-10-10

TC 28

**FDIS 12922:2012**

Lubricants, industrial oils and related products (class L) Family H (Hydraulic systems) Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU

**Data Limite:** 2012-10-30

TC 28

**DIS 22854:2012**

Liquid petroleum products Determination of hydrocarbon types and oxygenates in automotive-motor gasoline Multidimensional gas chromatography method

**Data Limite:** 2012-11-21

TC 29

**DIS 8404:2012**

Tools for moulding Angle pins

**Data Limite:** 2012-12-17

TC 29

**DIS 8405:2012**

Tools for moulding Ejector sleeves with cylindrical head Basic series for general purposes

**Data Limite:** 2012-12-17

TC 29

**DIS 23481:2012**

Tools for pressing Cam driver plates

**Data Limite:** 2012-12-17

TC 30

**DIS 4064-3:2012**

Water meters intended for the metering of cold potable water and hot water Part 3: Test report format

**Data Limite:** 2012-10-03

TC 30

**DIS 4064-4:2012**

Water meters intended for the metering of cold potable water and hot water Part 4: Non-metrological requirements not covered in ISO 4064-1

**Data Limite:** 2012-10-03

TC 30

**DIS 4064-5:2012**

Water meters intended for the metering of cold potable water and hot water Part 5: Installation requirements

**Data Limite:** 2012-10-03

TC 31

**FDIS 4000-1:2012**

Passenger car tyres and rims Part 1: Tyres (metric series)

**Data Limite:** 2012-11-28

TC 31

**DIS 4000-2:2012**

Passenger car tyres and rims Part 2: Rims

**Data Limite:** 2012-12-09

TC 31

**ISO 7295:1988 /DAM 1:2012**

Tyre valves for aircraft Interchangeability dimensions AMENDMENT 1

**Data Limite:** 2012-12-23

TC 31

**ISO 10231:2003 /DAM 1:2012**

Motorcycle tyres Test methods for verifying tyre capabilities AMENDMENT 1

**Data Limite:** 2012-10-23

TC 31

**DIS 20562:2012**

Tyre valves ISO core chambers No. 1, No. 2, No. 3 and No. 4

**Data Limite:** 2013-01-13

TC 33

**FDIS 1927-2:2012**

Monolithic (unshaped) refractory products Part 2: Sampling for testing

**Data Limite:** 2012-11-13

TC 33

**FDIS 1927-3:2012**

Monolithic (unshaped) refractory materials Part 3: Characterization as received

**Data Limite:** 2012-11-13

TC 33

**DIS 1927-4:2012**

Monolithic (unshaped) refractory products Part 4: Determination of consistency of castables

**Data Limite:** 2012-11-13

TC 33

**FDIS 1927-5:2012**

Monolithic (unshaped) refractory products Part 5: Preparation and treatment of test pieces

**Data Limite:** 2012-11-13

TC 33

**FDIS 1927-6:2012**

Monolithic (unshaped) refractory products Part 6: Measurement of physical properties

**Data Limite:** 2012-11-13

TC 33

**FDIS 1927-7:2012**

Monolithic (unshaped) refractory products Part 7: Tests on pre-formed shapes

**Data Limite:** 2012-11-13

TC 33

**FDIS 1927-8:2012**

Monolithic (unshaped) refractory products Part 8: Determination of complementary properties

**Data Limite:** 2012-11-20

TC 33

**DIS 5017:2012**

Dense shaped refractory products Determination of bulk density, apparent porosity and true porosity

**Data Limite:** 2012-10-02

TC 34

**DIS 3657:2012**

Animal and vegetable fats and oils Determination of saponification value

**Data Limite:** 2012-12-19

TC 34

**DIS 3961:2012**

Animal and vegetable fats and oils Determination of iodine value

**Data Limite:** 2012-12-19

TC 34

**DIS 5527:2012**

Cereals Vocabulary

**Data Limite:** 2012-12-12

TC 34

**ISO 9167-1:1992 /DAM 1:2012**

Rapeseed Determination of glucosinolates content Part 1: Method using high-performance liquid chromatography

AMENDMENT 1

**Data Limite:** 2013-01-09

TC 34

**FDIS 11132:2012**

Sensory analysis Methodology Guidelines for monitoring the performance of a quantitative sensory panel

**Data Limite:** 2012-10-08

TC 34

**DIS 11133:2012**

Microbiology of food, animal feed and water Preparation, production, storage and performance testing of culture media

**Data Limite:** 2013-01-02

TC 34

**DIS 11816-1:2012**

Milk and milk products Determination of alkaline phosphatase activity Part 1: Fluorimetric method for milk and milk-based drinks

**Data Limite:** 2013-02-06

TC 34

**DIS 12228-2:2012**

Determination of individual and total sterols contents Gas chromatographic method Part 2: Olive and olive pomace oils

**Data Limite:** 2013-02-20

TC 34

**DIS 16578:2012**

Molecular biomarker analysis General definitions and requirements for microarray detection of specific nucleic acid sequences

**Data Limite:** 2012-11-20

TC 34

**ISO 17372:2008 /DAM 1:2012**

Animal feeding stuffs Determination of zearalenone by

immunoaffinity column chromatography and high performance liquid chromatography

AMENDMENT 1

**Data Limite:** 2012-12-09

TC 34

**DIS 20483:2012**

Cereals and pulses Determination of the nitrogen content and calculation of the crude protein content Kjeldahl method

**Data Limite:** 2012-12-05

TC 35

**FDIS 3233-1:2012**

Paints and varnishes Determination of the percentage volume of nonvolatile matter Part 1: Method by weighing a coated test panel in air and in a liquid of known density (general method)

**Data Limite:** 2012-11-27

TC 35

**DIS 13803:2012**

Paints and varnishes Determination of specular gloss of non-metallic paint films at 20 degrees, 60 degrees and 85 degrees

**Data Limite:** 2013-02-27

TC 35

**FDIS 15091:2012**

Paints and varnishes Determination of electrical conductivity and resistance

**Data Limite:** 2012-10-16

TC 35

**FDIS 20567-3:2012**

Paints and varnishes

Determination of stone-chip resistance of coatings Part 3: Single-impact test with a free-flying impact body

**Data Limite:** 2012-11-27

TC 37

**FDIS 22274:2012**

Systems to manage terminology, knowledge and content Concept-related aspects for developing and internationalizing classification systems

**Data Limite:** 2012-11-18

TC 37

**FDIS 24611:2012**

Language resource management Morpho-syntactic annotation framework (MAF)

**Data Limite:** 2012-10-15

TC 38

**FDIS 105-E02:2012**

Textiles Tests for colour fastness Part E02: Colour fastness to sea water

**Data Limite:** 2012-11-13

TC 38

**FDIS 105-E04:2012**

Textiles Tests for colour fastness Part E04: Colour fastness to perspiration

**Data Limite:** 2012-11-13

TC 38

**FDIS E01:2012**

Textiles Tests for colour fastness Part E01: Colour fastness to water

**Data Limite:** 2012-11-13

TC 38

**DIS 2076:2012**

Textiles Man-made fibres Generic names

**Data Limite:** 2012-12-19

TC 38

**DIS 16373-2:2012**

Textiles Dyestuffs Part 2: General method for the determination of extractable dyestuffs including allergenic and carcinogenic substances

**Data Limite:** 2012-10-03

TC 38

**DIS 20743:2012**

Textiles Determination of antibacterial activity of textile products

**Data Limite:** 2012-10-24

TC 39

**DIS 11090-1:2012**

Test conditions for die sinking electro-discharge machines (EDM) Terminology and testing of accuracy Part 1: Single-column machines (cross-slide table type and fixed-table type)

**Data Limite:** 2013-01-08

TC 39

**DIS 11090-2:2012**

Test conditions for die sinking electro-discharge machines (EDM) Terminology and testing of accuracy Part 2: Double-column machines (slide-head type and cross-slide table type)

**Data Limite:** 2013-01-08

TC 41

**FDIS 284:2012**

Conveyor belts Electrical conductivity Specification and test method

**Data Limite:** 2012-10-09

TC 41

**FDIS 340:2012**

Conveyor belts Laboratory scale flammability characteristics Requirements and test method

**Data Limite:** 2012-12-20

TC 41

**FDIS 4195:2012**

Conveyor belts with heat-resistant rubber covers Heat resistance of covers Requirements and test methods

**Data Limite:** 2012-10-15

TC 41

**FDIS 5294:2012**

Synchronous belt drives Pulleys

**Data Limite:** 2012-11-17

TC 41

**FDIS 9980:2012**

Belt drives Grooved pulleys for V-belts (system based on effective width) Geometrical inspection of grooves

**Data Limite:** 2012-10-07

TC 41

**FDIS 14890:2012**

Conveyor belts Specification for rubber- or plastics-covered conveyor belts of textile construction for general use

**Data Limite:** 2012-11-20

TC 41

**FDIS 15147:2012**

Light conveyor belts Tolerances on widths and lengths of cut light conveyor belts

**Data Limite:** 2012-10-09

TC 41

**FDIS 16851:2012**

Textile conveyor belts Determination of the net length of an endless (spliced) conveyor belt

**Data Limite:** 2012-10-09

TC 41

**FDIS 18573:2012**

Conveyor belts Test atmospheres and conditioning periods

**Data Limite:** 2012-10-15

TC 42

**DIS 12233:2012**

Photography - Electronic still picture imaging - Resolution and spatial frequency responses

**Data Limite:** 2012-11-20

TC 42

**DIS 15739:2012**

Photography - Electronic still-picture imaging - Noise measurements (Revision ISO 15739:2003)

**Data Limite:** 2012-10-09

TC 42

**FDIS 17321-1:2012**

Graphic technology and photography - Colour characterisation of digital still cameras (DSCs) Part 1: Stimuli, metrology and test procedures

**Data Limite:** 2012-10-17

TC 42

**DIS 18902:2012**

Imaging materials - Processed imaging materials - Albums, framing and storage materials (Rev. 18902:2007 and Cor. 1:2009)

**Data Limite:** 2012-11-20

TC 42

**DIS 18939:2012**

Imaging materials - Digital hard copy for medical imaging - Methods of measuring permanence

**Data Limite:** 2012-12-17

TC 42

**DIS 18947:2012**

Imaging materials - Photographic reflection prints - Determination of abrasion resistance of photographic images

**Data Limite:** 2012-12-04

TC 43

**DIS 11200:2012**

Acoustics Noise emitted by machinery and equipment Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions

**Data Limite:** 2012-10-24

TC 43

**DIS 12999-1:2012**

Acoustics Determination and application of measurement uncertainties in building acoustics Part 1: Sound insulation

**Data Limite:** 2012-10-17

TC 43

**DIS 16251-1:2012**

Acoustics Laboratory measurement of the reduction of transmitted impact noise by floor coverings on a small floor mock-up Part 1: Heavyweight compact floor

**Data Limite:** 2012-10-03

TC 44  
**DIS 2553:2012**  
Welding and allied processes Symbolic representation on drawings Welded, brazed and soldered joints  
**Data Limite:** 2012-10-30

TC 44  
**DIS 5817:2012**  
Welding Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) Quality levels for imperfections  
**Data Limite:** 2012-10-10

TC 44  
**DIS 5826:2012**  
Resistance welding equipment Transformers General specifications applicable to all transformers  
**Data Limite:** 2012-10-31

TC 44  
**ISO 9539:2010 /DAM 1:2012**  
Gas welding equipment Materials for equipment used in gas welding, cutting and allied processes  
AMENDMENT 1  
**Data Limite:** 2012-10-24

TC 44  
**DIS 14555:2012**  
Welding Arc stud welding of metallic materials  
**Data Limite:** 2013-01-02

TC 44  
**FDIS 17636-1:2012**  
Non-destructive testing of welds Radiographic testing Part 1: X- and gamma-ray techniques with film  
**Data Limite:** 2012-11-13

TC 44  
**FDIS 17636-2:2012**  
Non-destructive testing of welds Radiographic testing Part 2: X- and gamma-ray techniques with digital detectors  
**Data Limite:** 2012-11-13

TC 45  
**FDIS 3384-2:2012**  
Rubber, vulcanized or thermoplastic Determination of stress relaxation in compression Part 2: Testing with temperature cycling  
**Data Limite:** 2012-10-23

TC 45  
**DIS 5999:2012**  
Flexible cellular polymeric materials Polyurethane foam for load-bearing applications excluding carpet underlay Specification  
**Data Limite:** 2013-01-02

TC 45  
**DIS 6808:2012**  
Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids Specification  
**Data Limite:** 2013-01-23

TC 45  
**DIS 11619:2012**  
Polyurethane tubing for use primarily in pneumatic installations Dimensions and specification  
**Data Limite:** 2012-11-21

TC 45  
**FDIS 13507:2012**  
Rubber compounds, raw rubbers and compounding materials

Short terms for properties reported in certificates of analysis

**Data Limite:** 2012-10-29

TC 45  
**DIS 16301:2012**  
Rubber and plastics hoses and hose assemblies, wire- or textile-reinforced, for hydraulic jacks and for hydraulic power units used in hydraulic tools Specification  
**Data Limite:** 2013-01-01

TC 45  
**DIS 16565:2012**  
Rubber Determination of 5-ethylidenenorbornene (ENB) or dicyclopentadiene (DCPD) in ethylene-propylene-diene (EPDM) terpolymers  
**Data Limite:** 2012-10-09

TC 45  
**FDIS 18752:2012**  
Rubber hoses and hose assemblies Wire- or textile-reinforced singlepressure types for hydraulic applications Specification  
**Data Limite:** 2012-10-20

TC 45  
**DIS 27126:2012**  
Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals Specification  
**Data Limite:** 2012-12-06

TC 45  
**DIS 27127:2012**  
Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas Specification  
**Data Limite:** 2012-12-06

TC 46  
**DIS 2789:2012**  
Information and documentation - International library statistics (Revision ISO 2789:2009)  
**Data Limite:** 2012-11-21

TC 51  
**FDIS 445:2012**  
Pallets for materials handling Vocabulary  
**Data Limite:** 2012-11-27

TC 58  
**DIS 5145:2012**  
Cylinder valve outlets for gases and gas mixtures Selection and dimensioning  
**Data Limite:** 2012-11-25

TC 58  
**DIS 10297:2012**  
Gas cylinders Cylinder valves Specification and type testing  
**Data Limite:** 2012-12-19

TC 58  
**DIS 10462:2012**  
Gas cylinders Acetylene cylinders Periodic inspection and maintenance  
**Data Limite:** 2012-10-10

TC 58  
**DIS 14246:2012**  
Gas cylinders Cylinder valves Manufacturing tests and examinations  
**Data Limite:** 2012-11-13

TC 58

**FDIS 19078:2012**

Gas cylinders Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board

storage of natural gas as a fuel for automotive vehicles

**Data Limite:** 2012-11-28

TC 58

**FDIS 21007-2:2012**

Gas cylinders

Identification and marking using radio frequency

identification technology Part 2: Numbering schemes for radio frequency identification

**Data Limite:** 2012-11-13

TC 58

**ISO 22435:2007 /FDAM 1:2012**

Gas cylinders Cylinder valves with integrated pressure regulators - Specification and type testing

Amendment 1

**Data Limite:** 2012-11-13

TC 59

**DIS 6707-1:2012**

Building and civil engineering Vocabulary Part 1:

General terms

**Data Limite:** 2012-11-19

TC 61

**FDIS 1874-2:2012**

Plastics Polyamide (PA) moulding and extrusion materials

Part 2: Preparation of test specimens and determination of properties

**Data Limite:** 2012-10-30

TC 61

**FDIS 2561:2012**

Plastics Determination of residual styrene monomer in polystyrene (PS) and impact-resistant polystyrene (PS-I) by gas chromatography

**Data Limite:** 2012-10-27

TC 61

**FDIS 5659-2:2012**

Plastics Smoke generation

Part 2: Determination of optical density by a single-chamber test

**Data Limite:** 2012-10-30

TC 61

**FDIS 7792-1:2012**

Plastics Thermoplastic polyester (TP) moulding and extrusion materials

Part 1: Designation system and basis for specifications

**Data Limite:** 2012-10-23

TC 61

**FDIS 11963:2012**

Plastics Polycarbonate sheets Types, dimensions and characteristics

**Data Limite:** 2012-10-30

TC 61

**FDIS 14910-1:2012**

Plastics Thermoplastic polyester/ester and

polyether/ester elastomers for moulding and extrusion

Part 1: Designation system and basis for specifications

**Data Limite:** 2012-10-30

TC 61

**FDIS 14910-2:2012**

Plastics Thermoplastic polyester/ester and

polyether/ester elastomers for moulding and extrusion Part 2: Preparation of test specimens and determination of properties

**Data Limite:** 2012-10-30

TC 61

**DIS 16525-9:2012**

Adhesives Test methods for isotropically electrically conducting adhesives Part 9: Determination of high-speed signal-transmission characteristics

**Data Limite:** 2013-01-13

TC 63

**DIS 12818:2012**

Glass packaging Standard tolerances for flaconnage

**Data Limite:** 2012-10-22

TC 63

**DIS 12821:2012**

Glass packaging 26 H 180 crown finish Dimensions

**Data Limite:** 2012-10-22

TC 63

**DIS 12822:2012**

Glass packaging 26 H 126 crown finish Dimensions

**Data Limite:** 2012-10-22

TC 67

**FDIS 13705:2012**

Petroleum, petrochemical and natural gas industries Fired heaters for general refinery service

**Data Limite:** 2012-11-13

TC 67

**FDIS 15589-2:2012**

Petroleum and natural gas industries Cathodic protection of pipeline transportation systems

Part 2: Offshore pipelines

**Data Limite:** 2012-10-30

TC 67

**DIS 19900:2012**

Petroleum and natural gas industries General requirements for offshore structures

**Data Limite:** 2012-10-03

TC 67

**FDIS 19901-7:2012**

Petroleum and natural gas industries Specific requirements for offshore structures

Part 7: Stationkeeping systems for floating offshore structures and mobile offshore units

**Data Limite:** 2012-11-27

TC 67

**DIS 21809-2:2012**

Petroleum and natural gas industries External coatings for buried or submerged pipelines used in pipeline transportation systems Part 2: Single layer

fusion-bonded epoxy coatings

**Data Limite:** 2013-01-30

TC 69

**DIS 3534-4:2012**

Statistics Vocabulary and symbols Part 4: Survey sampling

**Data Limite:** 2012-12-25

TC 70

**DIS 4548-13:2012**

Methods of test for full-flow lubricating oil filters for internal combustion engines Part 13: Static burst pressure test for composite pressure vessel materials

**Data Limite:** 2012-11-25

TC 70

**DIS 4548-15:2012**

Methods of test for full-flow lubricating oil filters for internal combustion engines Part 15: Vibration fatigue test with composite materials

**Data Limite:** 2012-11-14

TC 70

**DIS 15619:2012**

Reciprocating internal combustion engines Measurement method for exhaust silencers Sound power level of exhaust noise and insertion loss using sound pressure and power loss ratio

**Data Limite:** 2012-10-16

TC 71

**FDIS 13315-1:2011**

Environmental management for concrete and concrete structures Part 1: General principles

**Data Limite:** 2013-01-02

TC 85

**DIS 3925:2012**

Unsealed radioactive substances Identification and documentation

**Data Limite:** 2012-10-27

TC 85

**FDIS 11665-8:2012**

Measurement of radioactivity in the environment Air: radon-222 Part 8: Methodologies for initial and additional investigations in buildings

**Data Limite:** 2012-10-13

TC 85

**DIS 11665-9:2012**

Measurement of radioactivity in the environment Air: radon-222 Part 9: Method for determining exhalation rate of dense building materials

**Data Limite:** 2012-12-13

TC 85

**DIS 12749-2:2012**

Nuclear energy, nuclear technologies, and radiological protection Vocabulary Part 2: Radiological protection

**Data Limite:** 2012-10-20

TC 85

**DIS 12799:2012**

Nuclear energy Determination of nitrogen content in UO<sub>2</sub>, (U,Gd)O<sub>2</sub> and (U,Pu)O<sub>2</sub> sintered pellets Inert gas extraction and conductivity detection method

**Data Limite:** 2013-01-06

TC 85

**DIS 15651:2012**

Nuclear energy Determination of total hydrogen content in PuO<sub>2</sub> and UO<sub>2</sub> powders and UO<sub>2</sub>, (U,Gd)O<sub>2</sub> and (U,Pu)O<sub>2</sub> sintered pellets Inert gas extraction and conductivity detection method

**Data Limite:** 2013-01-06

TC 85

**FDIS 16424:2012**

Nuclear energy Evaluation of homogeneity of Gd distribution within gadolinium fuel blends and determination of Gd<sub>2</sub>O<sub>3</sub> content in gadolinium fuel pellets by measurements of uranium and gadolinium elements

**Data Limite:** 2012-11-10

TC 85

**DIS 16966:2012**

Nuclear energy Nuclear fuel technology Theoretical activation calculation method to evaluate the radioactivity of activated waste generated at nuclear reactors

**Data Limite:** 2013-01-06

TC 85

**FDIS 20785-1:2012**

Dosimetry for exposures to cosmic radiation in civilian aircraft

Part 1: Conceptual basis for measurements

**Data Limite:** 2012-11-27

TC 85

**DIS 51702:2012**

Practice for dosimetry in a gamma irradiation facility for radiation processing

**Data Limite:** 2012-12-26

TC 85

**DIS 51940:2012**

Guide for dosimetry for sterile insects release programs

**Data Limite:** 2012-12-26

TC 86

**FDIS 5149-1:2012**

Refrigerating systems and heat pumps Safety and environmental requirements Part 1: Definitions, classification and selection criteria

**Data Limite:** 2012-10-03

TC 86

**FDIS 5149-2:2012**

Refrigerating systems and heat pumps Safety and environmental requirements Part 2: Design, construction, testing, marking and documentation

**Data Limite:** 2012-10-03

TC 86

**FDIS 5149-3:2012**

Refrigerating systems and heat pumps Safety and environmental requirements Part 3: Installation site

**Data Limite:** 2012-10-03

TC 86

**FDIS 5149-4:2012**

Refrigerating systems and heat pumps Safety and environmental requirements Part 4: Operation, maintenance, repair and recovery

**Data Limite:** 2012-10-03

TC 92

**DIS 834-10:2012**

Fire resistance tests Elements of building construction Part 10: Specific requirements to determine the contribution of applied fire protection materials to structural elements

**Data Limite:** 2012-12-27

TC 92

**DIS 834-11:2012**

Fire resistance tests Elements of building construction Part 11: Specific requirements for the assessment of fire protection to structural steel elements

**Data Limite:** 2012-12-27

TC 92

**FDIS 834-12:2012**

Fire resistance tests Elements of building construction Part 12: Specific requirements for separating elements evaluated on less than full scale furnaces



**Data Limite:** 2012-10-24

TC 92

**FDIS 19701:2012**

Methods for sampling and analysis of fire effluents

**Data Limite:** 2012-11-28

TC 92

**FDIS 29903:2012**

Guidance for comparison of toxic gas data between different physical fire models and scales

**Data Limite:** 2012-11-21

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**DIS 11613-1:2012**

Protective clothing for firefighters Laboratory test methods and performance requirements Part 1: General

**Data Limite:** 2012-12-25

TC 94

**DIS 11613-2:2012**

Protective clothing for firefighters Laboratory test methods and performance requirements Part 2: Compatibility

**Data Limite:** 2012-12-18

TC 94

**DIS 11613-3:2012**

Protective clothing for firefighters Laboratory test methods and performance requirements Part 3: Clothing

**Data Limite:** 2012-12-25

TC 94

**DIS 11613-4:2012**

Protective clothing for firefighters Laboratory test methods and performance requirements Part 4: Gloves

**Data Limite:** 2012-12-18

TC 94

**FDIS 13287:2012**

Personal protective equipment Footwear Test method for slip resistance

**Data Limite:** 2012-10-02

TC 94

**FDIS 16900-3:2012**

Respiratory protective devices Methods of test and test equipment Part 3: Determination of particle filter penetration

**Data Limite:** 2012-10-17

TC 94

**DIS 16900-11:2012**

Respiratory protective devices Methods of test and test equipment Part 11: Determination of field of vision

**Data Limite:** 2012-11-24

TC 94

**DIS 20346:2012**

Personal protective equipment Protective footwear

**Data Limite:** 2013-01-02

TC 96

**FDIS 8686-1:2012**

Cranes Design principles for loads and load combinations Part 1: General

**Data Limite:** 2012-11-10

TC 96

**DIS 17440:2012**

Cranes General Design Limit states and proof of competence of forged steel hooks

**Data Limite:** 2012-10-20

TC 98

**FDIS 3898:2012**

Bases for design of structures Names and symbols of physical quantities Generic quantities

**Data Limite:** 2012-11-14

TC 98

**DIS 13033:2012**

Seismic actions on nonstructural components for building applications

**Data Limite:** 2013-01-27

TC 104

**ISO 6346:1995 /FDAM 3:2012**

Freight containers Coding, identification and marking Amendment 3

**Data Limite:** 2012-10-09

TC 105

**DIS 16839:2012**

Steel wire ropes Determination of the compliance characteristics of steel wire ropes subjected to lateral load

**Data Limite:** 2013-01-27

TC 105

**DIS 16841:2012**

Steel wire ropes Pulling eyes for rope installation Types and minimum requirements

**Data Limite:** 2012-12-19

TC 106

**FDIS 10323:2012**

Dentistry Bore diameters for rotary instruments such as discs and wheels

**Data Limite:** 2012-10-09

TC 106

**FDIS 13078:2012**

Dentistry Dental furnace Test method for temperature measurement with separate thermocouple

**Data Limite:** 2012-10-09

TC 106

**DIS 17304:2012**

Dentistry Polymerisation shrinkage: Method for determination of polymerisation shrinkage of polymer-based restorative materials

**Data Limite:** 2012-10-28

TC 106

**FDIS 20795-2:2012**

Dentistry Base polymers Part 2: Orthodontic base polymers

**Data Limite:** 2012-11-27

TC 107

**DIS 14919:2012**

Thermal spraying Wires, rods and cords for flame and arc spraying - Classification Technical supply conditions

**Data Limite:** 2013-02-13

TC 107

**DIS 14920:2012**

Thermal spraying Spraying and fusing of self-fluxing alloys

**Data Limite:** 2013-01-16

TC 108

**FDIS 10068:2012**

Mechanical vibration and shock Mechanical impedance of the human hand-arm system at the driving point

**Data Limite:** 2012-11-19

TC 108  
**FDIS 18436-1:2012**  
Condition monitoring and diagnostics of machines  
Requirements for qualification and assessment of  
personnel Part 1: Requirements for assessment parties  
and the assessment process  
**Data Limite:** 2012-10-10

TC 108  
**FDIS 18436-3:2012**  
Condition monitoring and diagnostics of machines  
Requirements for qualification and assessment of  
personnel Part 3: Requirements for training bodies and  
the training process  
**Data Limite:** 2012-10-06

TC 108  
**FDIS 18436-5:2012**  
Condition monitoring and diagnostics of machines  
  
Requirements for qualification and assessment of  
personnel Part 5: Lubricant laboratory technician/analyst  
**Data Limite:** 2012-10-06

TC 108  
**DIS 18436-8:2012**  
Condition monitoring and diagnostics of machines  
Requirements for qualification and assessment of  
personnel Part 8: Ultrasound  
**Data Limite:** 2012-12-11

TC 110  
**DIS 22915-5:2012**  
Industrial trucks Verification of stability Part 5: Single  
side-loading trucks  
**Data Limite:** 2012-12-11

TC 110  
**DIS 22915-16:2012**  
Industrial trucks Verification of stability Part 16:  
Pedestrian-propelled trucks  
**Data Limite:** 2012-12-27

TC 112  
**DIS 2861:2012**  
Vacuum technology Dimensions of clamped-type  
quickrelease couplings  
**Data Limite:** 2012-12-31

TC 114  
**DIS 3764:2012**  
Timekeeping instruments Movements Types, dimensions  
and nomenclature  
**Data Limite:** 2012-12-06

TC 118  
**FDIS 11148-3:2012**  
Hand-held non-electric power tools Safety requirements  
Part 3: Drills and tappers  
**Data Limite:** 2012-10-16

TC 118  
**FDIS 11148-4:2012**  
Hand-held non-electric power tools Safety requirements  
Part 4: Non-rotary percussive power tools  
**Data Limite:** 2012-10-16

TC 118  
**FDIS 11148-6:2012**  
Hand-held non-electric power tools Safety requirements  
Part 6: Assembly power tools for threaded fasteners  
**Data Limite:** 2012-10-16

TC 118  
**FDIS 11148-12:2012**  
Hand-held non-electric power tools Safety requirements  
Part 12: Circular, oscillating and reciprocating saws  
**Data Limite:** 2012-11-13

TC 119  
**FDIS 7625:2012**  
Sintered metal materials, excluding hardmetals  
Preparation of samples for chemical analysis for  
determination of carbon content  
**Data Limite:** 2012-10-30

TC 121  
**DIS 11197:2012**  
Medical supply units  
**Data Limite:** 2012-10-31

TC 122  
**FDIS 3394:2012**  
Packaging Complete, filled transport packages and unit  
loads Dimensions of rigid rectangular packages  
**Data Limite:** 2012-10-20

TC 122  
**DIS 17451-1:2012**  
Packaging Numeric Codification of Contents for  
Electronic Inventories and Manifests of Household Goods  
and Personal Part 1: Messaging and coding of inventory  
numbers, locations and exceptions  
**Data Limite:** 2012-11-26

TC 123  
**DIS 3548-1:2012**  
Plain bearings Thin-walled half bearings with or without  
flange Part 1: Tolerances, design features and methods of  
test  
**Data Limite:** 2012-11-01

TC 123  
**FDIS 3548-3:2012**  
Plain bearings Thin-walled half bearings with or without  
flange. Part 3: Measurement of peripheral length  
**Data Limite:** 2012-11-21

TC 123  
**FDIS 4383:2012**  
Plain bearings Multilayer materials for thin-walled plain  
bearings  
**Data Limite:** 2012-10-01

TC 123  
**FDIS 4386-1:2012**  
Plain bearings Metallic multilayer plain bearings Part 1:  
Non-destructive ultrasonic testing of bond of thickness  
greater than or equal to 0,5 mm  
**Data Limite:** 2012-10-01

TC 123  
**FDIS 4386-2:2012**  
Plain bearings Metallic multilayer plain bearings  
Part 2: Destructive testing of bond for bearing metal  
layer thicknesses greater than or equal to 2 mm  
**Data Limite:** 2012-10-01

TC 126  
**DIS 8243:2012**  
Cigarettes Sampling  
**Data Limite:** 2012-12-18

TC 126  
**DIS 10362-2:2012**  
Cigarettes Determination of water in smoke condensates  
Part 2: Karl Fischer method

**Data Limite:** 2012-12-06

TC 126

**FDIS 20193:2012**

Tobacco and tobacco products Determination of the width of the strands of cut tobacco

**Data Limite:** 2012-10-29

TC 127

**FDIS 10978:2012**

Earth-moving machinery Sustainability Terminology, sustainability factors and reporting

**Data Limite:** 2012-10-07

TC 127

**DIS 11979-7:2012**

Ophthalmic implants Intraocular lenses Part 7: Clinical investigations

**Data Limite:** 2012-11-21

TC 130

**DIS 12640-5:2012**

Graphic technology Prepress digital data exchange Part 5: Scene-referred standard colour image data (RIMM/SCID)

**Data Limite:** 2012-12-04

TC 130

**DIS 12647-1:2012**

Graphic technology Process control for the production of half-tone colour separations, proof and production prints Part 1: Parameters and measurement methods

**Data Limite:** 2012-11-20

TC 130

**DIS 12647-2:2012**

Graphic technology Process control for the production of half-tone colour separations, proof and production prints Part 2: Offset lithographic processes

**Data Limite:** 2012-11-20

TC 130

**DIS 14298:2012**

Graphic technology Management of security printing processes

**Data Limite:** 2012-11-04

TC 130

**DIS 16759:2012**

Technologie graphique Quantification et communication relatives au calcul de l'empreinte carbone des produits imprimés

**Data Limite:** 2012-11-05

TC 131

**FDIS 6162-1:2012**

Hydraulic fluid power Flange connections with split or one-piece flange clamps and metric or inch screws Part 1: Flange connectors, ports and mounting surfaces for use at pressures of 3,5 MPa (35 bar) to 35 MPa (350 bar), DN 13 to DN 127

**Data Limite:** 2012-11-10

TC 131

**FDIS 6162-2:2012**

Hydraulic fluid power Flange connections with split or one-piece flange clamps and metric or inch screws Part 2: Flange connectors, ports and mounting surfaces for use at a pressure of 42 MPa (420 bar), DN 13 to DN 76

**Data Limite:** 2012-11-10

TC 131

**DIS 6358-3:2012**

Pneumatic fluid power Determination of flow-rate characteristics of components Part 3: Method for calculating steady-state flow-rate characteristics of assemblies

**Data Limite:** 2012-10-21

TC 131

**FDIS 10770-2:2012**

Hydraulic fluid power

Electrically modulated hydraulic control valves Part 2: Test methods for three-port directional flow-control valves

**Data Limite:** 2012-10-30

TC 135

**FDIS 3059:2012**

Non-destructive testing Penetrant testing and magnetic particle testing Viewing conditions

**Data Limite:** 2012-11-20

TC 135

**FDIS 16809:2012**

Non-destructive testing Ultrasonic thickness measurement

**Data Limite:** 2012-10-31

TC 135

**DIS 16946:2012**

Non-destructive testing Ultrasonic testing Specification for step wedge calibration block

**Data Limite:** 2012-12-19

TC 138

**DIS 4437-1:2012**

Plastics piping systems for the supply of gaseous fuels Polyethylene (PE) Part 1: General

**Data Limite:** 2012-12-16

TC 138

**DIS 4437-2:2012**

Plastics piping systems for the supply of gaseous fuels Polyethylene (PE) Part 2: Pipes

**Data Limite:** 2012-12-16

TC 138

**DIS 4437-3:2012**

Plastics piping systems for the supply of gaseous fuels Polyethylene (PE) Part 3: Fittings

**Data Limite:** 2012-12-16

TC 138

**DIS 4437-5:2012**

Plastics piping systems for the supply of gaseous fuels Polyethylene (PE) Part 5: Fitness for purpose

**Data Limite:** 2012-12-16

TC 138

**DIS 11297-1:2012**

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure Part 1: General

**Data Limite:** 2012-10-17

TC 138

**DIS 11297-3:2012**

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure Part 3: Lining with close-fit pipes

**Da**

**ta Limite:** 2012-10-17

TC 138

**FDIS 15398:2012**

Specifications for thermoplastics covers and frames for manholes and inspection chambers used in non-traffic areas

**Data Limite:** 2012-11-14

TC 138

**FDIS 15874-1:2012**

Plastics piping systems for hot and cold water installations Polypropylene (PP) Part 1: General

**Data Limite:** 2012-10-23

TC 142

**DIS 10121-1:2012**

Test method for assessing the performance of gas-phase air cleaning media and devices for general ventilation Part 1: Gas-phase air cleaning media

**Data Limite:** 2012-10-03

TC 145

**ISO 7010:2011 /DAM 119:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 119: Safety sign E027: Medical grab bag

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 120:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 120: Safety sign E028: Oxygen resuscitator

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 121:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 121: Safety sign E029: Emergency escape breathing device

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 122:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 122: Safety sign E030: Shipboard safety equipment

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 123:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 123: Safety sign E031: Shipboard general alarm

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 124:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 124: Safety sign E032: Shipboard assembly station

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 125:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 125: Safety sign E033: Door slides right to open

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 126:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 126: Safety sign E034: Door slides left to open

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 128:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 128: Safety sign E036: Lifeboat

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 129:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 129: Safety sign E037: Rescue boat

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 130:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 130: Safety sign E038: Liferaft

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 131:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 131: Safety sign E039: Davit-launched liferaft

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 132:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 132: Safety sign E040: Lifebuoy

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 133:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 133: Safety sign E041: Lifebuoy with line

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 134:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 134: Safety sign E042: Lifebuoy with light

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 135:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 135: Safety sign E043: Lifebuoy with line and light

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 136:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 136: Safety sign E044: Lifejacket

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 137:2012**

Graphical symbols Safety colours and safety signs - Registered safety signs AMENDMENT 137: Safety sign E045: Child's lifejacket

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 138:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 138: Safety sign  
E046: Infant's lifejacket

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 139:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs  
AMENDMENT 139: Safety sign E047: Search and  
rescue transponder

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 140:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 140: Safety sign  
E048: Survival craft distress signal

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 141:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 141: Safety sign  
E049: Rocket parachute flare

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 142:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 142: Safety sign  
E050: Line-throwing appliance

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 143:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 143: Safety sign  
E051: Two-way VHF radiotelephone apparatus

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 144:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 144: Safety sign  
E052: Emergency position indicating radio beacon

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 145:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 145: Safety sign  
E053: Embarkation ladder

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 146:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 146: Safety sign  
E054: Marine evacuation slide

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 147:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 147: Safety sign  
E055: Marine evacuation chute

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 148:2012**

Graphical symbols Safety colours and safety signs -

Registered safety signs AMENDMENT 148: Safety sign  
E056: Survival clothing

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 149:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 149: Safety sign  
F008: Fixed fire extinguishing battery

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 150:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 150: Safety sign  
F009: Wheeled fire extinguisher

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 151:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 151: Safety sign  
F010: Portable foam applicator unit

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 152:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 152: Safety sign  
F011: Water fog applicator

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 153:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 153: Safety sign  
F012: Fixed fire extinguishing installation

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 154:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 154: Safety sign  
F013: Fixed fire extinguishing bottle

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 155:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 155: Safety sign  
F014: Remote release station

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 156:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 156: Safety sign  
F015: Fire monitor

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 157:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 157: Safety sign  
M037: Close and secure hatches in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 158:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 158: Safety sign  
M038: Start engine in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 159:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 159: Safety sign  
M039: Lower lifeboat to the water in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 160:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 160: Safety sign  
M040: Lower liferaft to the water in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 161:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 161: Safety sign  
M041: Lower rescue boat to the water in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 162:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 162: Safety sign  
M042: Release falls in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 163:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 163: Safety sign  
M043: Start water spray in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 164:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 164: Safety sign  
M044: Start air supply in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 165:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 165: Safety sign  
M045: Release lifeboat gripes in launch sequence

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 166:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 166: Safety sign  
E057: Door opens by pulling on the left-hand side

**Data Limite:** 2012-11-25

TC 145

**ISO 7010:2011 /DAM 167:2012**

Graphical symbols Safety colours and safety signs -  
Registered safety signs AMENDMENT 167: Safety sign  
E058: Door opens by pulling on the right-hand side

**Data Limite:** 2012-11-25

TC 146

**DIS 12219-5:2012**

Interior air of road vehicles Part 5: Screening method  
for the determination of the emissions of volatile  
organic compounds from vehicle interior parts and  
materials - Static chamber method

**Data Limite:** 2012-12-10

TC 146

**FDIS 14382:2012**

Workplace atmospheres Determination of toluene

diisocyanate vapours using 1-(2-pyridyl)

piperazine-coated glass fibre filters and analysis by  
high performance liquid chromatography with ultraviolet  
and fluorescence detectors

**Data Limite:** 2012-11-13

TC 146

**DIS 16000-21:2012**

Indoor air Part 21: Detection and enumeration of moulds  
- Sampling from materials

**Data Limite:** 2013-01-20

TC 146

**DIS 16000-29:2012**

Indoor air Part 29: Test methods for VOC detectors

**Data Limite:** 2013-01-20

TC 146

**DIS 16000-30:2012**

Indoor air Part 30: Sensory testing of indoor air

**Data Limite:** 2013-01-20

TC 146

**DIS 16000-31:2012**

Indoor air Part 31: Measurement of flame retardants and  
plasticizers based on organophosphorus compounds  
Phosphoric acid ester

**Data Limite:** 2013-01-20

TC 146

**DIS 16000-32:2012**

Indoor air Part 32: Investigation of buildings for  
pollutants and other injurious  
factors - Inspections

**Data Limite:** 2013-01-02

TC 146

**DIS 17091:2012**

Workplace air Determination of lithium hydroxide,  
sodium hydroxide, potassium hydroxide and calcium  
dihydroxide Method by measurement of corresponding  
cations by suppressed ion chromatography

**Data Limite:** 2013-01-26

TC 146

**DIS 17734-1:2012**

Determination of organonitrogen compounds in air using  
liquid chromatography and mass spectrometry Part 1:  
Isocyanates using dibutylamine derivatives

**Data Limite:** 2012-12-24

TC 146

**DIS 17734-2:2012**

Determination of organonitrogen compounds in air using  
liquid chromatography and mass spectrometry Part 2:  
Amines and aminoisocyanates using dibutylamine and  
ethyl chloroformate derivatives

**Data Limite:** 2012-12-24

TC 147

**FDIS 5667-3:2012**

Water quality Sampling Part 3: Preservation and  
handling of water samples

**Data Limite:** 2012-11-06

TC 147

**FDIS 6341:2012**

Water quality Determination of the inhibition of the  
mobility of *Daphnia magna* Straus (Cladocera, Crustacea)  
Acute toxicity test

**Data Limite:** 2012-10-02

TC 150

**FDIS 5840-3:2012**

Cardiovascular implants Cardiac valve prostheses Part 3: Heart valve substitutes implanted by transcatheter techniques

**Data Limite:** 2012-11-20

TC 150

**FDIS 25539-2:2012**

Cardiovascular implants Endovascular devices Part 2: Vascular stents

**Data Limite:** 2012-10-09

TC 154

**DIS 17369:2012**

Statistical data and metadata exchange (SDMX)

**Data Limite:** 2012-10-04

TC 156

**FDIS 7539-1:2012**

Corrosion of metals and alloys Stress corrosion testing Part 1: General guidance on testing procedures

**Data Limite:** 2012-11-27

TC 156

**FDIS 13174:2012**

Cathodic protection of harbour installations

**Data Limite:** 2012-11-27

TC 157

**DIS 4074:2012**

Natural rubber latex male condoms Requirements and test methods

**Data Limite:** 2012-10-17

TC 163

**FDIS 12569:2012**

Thermal performance of buildings and materials Determination of specific airflow rate in buildings Tracer gas dilution method

**Data Limite:** 2012-10-16

TC 163

**FDIS 13788:2012**

Hygrothermal performance of building components and building elements Internal surface temperature to avoid critical surface humidity and interstitial condensation Calculation methods

**Data Limite:** 2012-11-27

TC 163

**DIS 15758:2012**

Hygrothermal performance of building equipment and industrial installations Calculation of water vapour diffusion Cold pipe insulation systems

**Data Limite:** 2012-11-21

TC 164

**FDIS 9513:2012**

Metallic materials Calibration of extensometer systems used in uniaxial testing

**Data Limite:** 2012-11-13

TC 172

**FDIS 8598-1:2012**

Optics and optical instruments Focimeters Part 1: General purpose instruments

**Data Limite:** 2012-11-13

TC 172

**DIS 8980-3:2012**

Ophthalmic optics Uncut finished spectacle lenses Part 3: Transmittance specifications and test methods

**Data Limite:** 2012-10-16

TC 172

**FDIS 10341:2012**

Ophthalmic instruments Refractor heads

**Data Limite:** 2012-10-09

TC 172

**FDIS 10685-2:2012**

Ophthalmic optics Spectacle frames and sunglasses electronic catalogue and identification Part 2: Commercial information

**Data Limite:** 2012-11-06

TC 172

**FDIS 10685-3:2012**

Ophthalmic optics Spectacle frames and sunglasses electronic catalogue and identification Part 3: Technical information

**Data Limite:** 2012-11-06

TC 172

**DIS 11979-2:2012**

Ophthalmic implants Intraocular lenses Part 2: Optical properties and test methods

**Data Limite:** 2012-12-05

TC 172

**FDIS 11979-3:2012**

Ophthalmic implants Intraocular lenses Part 3: Mechanical properties and test methods

**Data Limite:** 2012-11-13

TC 172

**FDIS 18369-2:2012**

Ophthalmic optics Contact lenses Part 2: Tolerances

**Data Limite:** 2012-10-09

TC 172

**FDIS 22665:2012**

Ophthalmic optics and instruments Instruments to measure axial distances in the eye

**Data Limite:** 2012-10-09

TC 173

**FDIS 7176-3:2012**

Wheelchairs Part 3: Determination of effectiveness of brakes

**Data Limite:** 2012-11-27

TC 173

**FDIS 7176-11:2012**

Wheelchairs Part 11: Test dummies

**Data Limite:** 2012-11-20

TC 173

**FDIS 7176-16:2012**

Wheelchairs Part 16: Resistance to ignition of upholstered parts Requirements and test methods

**Data Limite:** 2012-11-20

TC 176

**DIS 10008:2012**

Quality Management Customer satisfaction Guidelines for business-to-consumer electronic commerce transactions

**Data Limite:** 2012-10-18

TC 176

**DIS 17582:2012**

Quality management systems for electoral bodies Requirements

**Data Limite:** 2012-10-20

TC 176

**DIS 18091:2012**

Quality management systems Guidelines for the application of ISO 9001:2008 in local government

**Data Limite:** 2012-12-27

TC 178

**DIS 22559-1:2012**

Safety requirements for lifts (elevators) Part 1: Global essential safety requirements (GESRs)

**Data Limite:** 2012-10-15

TC 185

**FDIS 4126-1:2012**

Safety devices for protection against excessive pressure Part 1: Safety valves

**Data Limite:** 2012-11-27

TC 185

**FDIS 4126-4:2012**

Safety devices for protection against excessive pressure Part 4: Pilot operated safety valves

**Data Limite:** 2012-11-27

TC 185

**FDIS 4126-5:2012**

Safety devices for protection against excessive pressure Part 5: Controlled safety pressure relief systems (CSPRS)

**Data Limite:** 2012-11-27

TC 188

**FDIS 10133:2012**

Small craft Electrical systems Extralow-voltage d.c. installations

**Data Limite:** 2012-11-13

TC 188

**FDIS 12217-1:2012**

Small craft Stability and buoyancy assessment and categorization Part 1: Non-sailing boats of hull length greater than or equal to 6 m

**Data Limite:** 2012-11-20

TC 188

**FDIS 12217-2:2012**

Small craft Stability and buoyancy assessment and categorization Part 2: Sailing boats of hull length greater than or equal to 6 m

**Data Limite:** 2012-11-20

TC 188

**FDIS 12217-3:2012**

Small craft Stability and buoyancy assessment and categorization Part 3: Boats of hull length less than 6 m

**Data Limite:** 2012-11-20

TC 188

**FDIS 15027-1:2012**

Immersion suits Part 1: Constant wear suits, requirements including safety

**Data Limite:** 2012-10-16

TC 188

**FDIS 15027-2:2012**

Immersion suits Part 2: Abandonment suits, requirements including safety

**Data Limite:** 2012-10-16

TC 188

**FDIS 15027-3:2012**

Immersion suits Part 3: Test methods

**Data Limite:** 2012-10-16

TC 188

**FDIS 21487:2012**

Small craft Permanently installed petrol and diesel fuel tanks

**Data Limite:** 2012-10-23

TC 188

**FDIS 25197:2012**

Small craft Electrical/electronic control system for steering, shift and throttle

**Data Limite:** 2012-10-23

TC 190

**DIS 11267:2012**

Soil quality Inhibition of reproduction of Collembola (*Folsomia candida*) by soil pollutants

**Data Limite:** 2013-02-06

TC 190

**FDIS 11268-1:2012**

Soil quality Effects of pollutants on earthworms Part 1: Determination of acute toxicity to *Eisenia fetida*/*Eisenia andrei*

**Data Limite:** 2012-10-06

TC 190

**FDIS 11268-2:2012**

Soil quality Effects of pollutants on earthworms Part 2: Determination of effects on reproduction to *Eisenia fetida*/*Eisenia andrei*

**Data Limite:** 2012-10-06

TC 190

**DIS 13876:2012**

Soil quality Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)

**Data Limite:** 2012-10-20

TC 190

**DIS 16729:2012**

Soil quality Digestion of nitric acid soluble fractions of elements

**Data Limite:** 2012-10-16

TC 193

**DIS 6974-5:2012**

Natural gas Determination of composition and associated uncertainty by gas chromatography Part 5: Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons

**Data Limite:** 2012-12-05

TC 193

**FDIS 10723:2012**

Natural gas Performance evaluation for analytical systems

**Data Limite:** 2012-11-06

TC 195

**ISO 15645:2002 /FDAM 1:2012**

Road construction and maintenance equipment Road milling machinery Terminology and commercial specifications AMENDMENT 1

**Data Limite:** 2012-11-19

TC 195

**ISO 16039:2004 /FDAM 1:2012**

Road construction and maintenance equipment Slipform pavers Definitions and commercial specifications



AMENDMENT 1

**Data Limite:** 2012-11-19

TC 195

**ISO 22242:2005 /FDAM 1:2012**

Road construction and road maintenance machinery and equipment Basic types Identification and description  
AMENDMENT 1

**Data Limite:** 2012-11-19

TC 197

**FDIS 14687-2:2012**

Hydrogen fuel Product specification  
Part 2: Proton exchange membrane (PEM) fuel cell applications for road vehicles

**Data Limite:** 2012-11-14

TC 197

**DIS 14687-3:2012**

Hydrogen fuel Product specification Part 3: Proton exchange membrane (PEM) fuel cell applications for stationary appliances

**Data Limite:** 2012-10-31

TC 198

**DIS 11135:2012**

Sterilization of health-care products  
Ethylene oxide Requirements for the development, validation and routine control of a sterilization process for medical devices

**Data Limite:** 2012-11-20

TC 198

**ISO 11137-1:2006 /DAM 1:2012**

Sterilization of health care products - Radiation Part 1: Requirements for development, validation and routine control of

a sterilization process for medical devices

**Data Limite:** 2012-10-03

TC 198

**DIS 11140-1:2012**

Sterilization of health care products Chemical indicators  
Part 1: General requirements

**Data Limite:** 2013-01-23

TC 198

**ISO 15883-1:2006 /DAM 1:2012**

Washer-disinfectors Part 1: General requirements, terms and definitions and tests  
AMENDMENT 1

**Data Limite:** 2012-10-10

TC 201

**DIS 16531:2012**

Surface chemical analysis Depth profiling Methods for ion beam alignment and the associated measurement of current or current density for depth profiling in AES and XPS

**Data Limite:** 2012-10-14

TC 202

**DIS 15932:2012**

Microbeam analysis Analytical electron microscopy  
Vocabulary

**Data Limite:** 2012-10-22

TC 204

**DIS 15638-7:2012**

Intelligent transport systems Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) Part 7: Other applications

**Data Limite:** 2012-10-15

TC 204

**DIS 24102-1:2012**

Intelligent transport systems Communications access for land mobiles (CALM) - ITS station management  
Part 1: Local management

**Data Limite:** 2012-11-01

TC 204

**DIS 24102-3:2012**

Intelligent transport systems Communications access for land mobiles (CALM) - ITS station management Part 3: Service access points

**Data Limite:** 2012-11-01

TC 204

**FDIS 24102-4:2012**

Intelligent transport systems Communications access for land mobiles (CALM) - ITS station management Part 4: Station-internal management communications

**Data Limite:** 2012-11-01

TC 204

**DIS 24102-5:2012**

Intelligent transport systems Communications access for land mobiles (CALM) - ITS station management Part 5: Fast service advertisement protocol (FSAP)

**Data Limite:** 2012-11-01

TC 204

**DIS 29281-1:2012**

Intelligent transport systems Communication access for land mobiles (CALM) - Non-IP networking Part 1: Fast networking & transport layer protocol (FNTP)

**Data Limite:** 2012-11-27

TC 204

**DIS 29281-2:2012**

Intelligent transport systems Communication access for land mobiles (CALM) - Non-IP networking Part 2: Legacy system support

**Data Limite:** 2012-11-27

TC 205

**FDIS 11855-6:2012**

Building environment design Design, dimensioning, installation and control of embedded radiant heating and cooling systems Part 6: Control

**Data Limite:** 2012-11-10

TC 205

**DIS 13612-1:2012**

Heating and cooling systems in buildings Method for calculation of the system performance and system design for heat pump systems Part 1: Design and dimensioning

**Data Limite:** 2012-10-07

TC 205

**DIS 13612-2:2012**

Heating and cooling systems in buildings Method for calculation of the system performance and system design for heat pump systems Part 2: Energy calculation

**Data Limite:** 2012-10-10

TC 206

**DIS 14544:2012**

Fine ceramics (advanced ceramics, advanced technical ceramics) Mechanical properties of ceramic composites at high temperature Determination of compression properties

**Data Limite:** 2012-10-22

TC 206  
**DIS 14574:2012**  
Fine ceramics (advanced ceramics, advanced technical ceramics) Mechanical properties of ceramic composites at high temperature Determination of tensile properties  
**Data Limite:** 2012-10-22

TC 206  
**FDIS 14603:2012**  
Fine ceramics (advanced ceramics, advanced technical ceramics) Test method for open-hole tension of continuous fibre-reinforced ceramic matrix composites at room temperature  
**Data Limite:** 2012-10-10

TC 206  
**DIS 14604:2012**  
Fine ceramics (advanced ceramics, advanced technical ceramics) Methods of test for ceramic coatings Determination of fracture strain  
**Data Limite:** 2012-11-12

TC 211  
**FDIS 19117:2012**  
Geographic information Portrayal  
**Data Limite:** 2012-11-10

TC 211  
**FDIS 19152:2012**  
Geographic information Land Administration Domain Model (LADM)  
**Data Limite:** 2012-10-30

TC 212  
**FDIS 15189:2012**  
Medical laboratories Requirements for quality and competence  
**Data Limite:** 2012-10-09

TC 212  
**FDIS 16256:2012**  
Clinical laboratory testing and in vitro diagnostic test systems Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases  
**Data Limite:** 2012-11-13

TC 213  
**DIS 2692:2012**  
Geometrical product specifications (GPS) Geometrical tolerancing Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR)  
**Data Limite:** 2013-01-02

TC 213  
**ISO 3040:2009 /DAM 1:2012**  
Geometrical product specifications (GPS) Dimensioning and tolerancing Cones  
AMENDMENT 1  
**Data Limite:** 2013-01-09

TC 213  
**DIS 10360-10:2012**  
Geometrical product specifications (GPS) Acceptance and reverification tests for coordinate measuring machines (CMS) Part 10: Laser trackers for measuring point-to-point distances  
**Data Limite:** 2013-01-23

TC 213  
**ISO 14405-1:2010 /DAM 1:2012**  
Geometrical product specifications (GPS) Dimensional tolerancing Part 1: Linear sizes

AMENDMENT 1  
**Data Limite:** 2013-01-09

TC 213  
**DIS 14638:2012**  
Geometrical product specifications (GPS) Masterplan  
**Data Limite:** 2013-02-16

TC 213  
**FDIS 25178-71:2012**  
Geometrical product specifications (GPS) Surface texture: Areal Part 71: Software measurement standards  
**Data Limite:** 2012-10-09

TC 215  
**FDIS 13119:2012**  
Health informatics Clinical knowledge resources Metadata  
**Data Limite:** 2012-10-02

TC 215  
**DIS 18104:2012**  
Health informatics Categorical structures for representation of nursing diagnoses and nursing actions in terminological systems  
**Data Limite:** 2013-01-23

TC 215  
**DIS 20301:2012**  
Health informatics Health cards General characteristics  
**Data Limite:** 2012-11-16

TC 215  
**DIS 21731:2012**  
Health informatics HL7 version 3 - Reference information model Release 1  
**Data Limite:** 2013-01-06

TC 219  
**ISO 24342:2007 /FDAM 1:2012**  
Resilient and textile floor-coverings Determination of side length, edge straightness and squareness of tiles  
AMENDMENT 1  
**Data Limite:** 2012-10-10

TC 223  
**FDIS 22313:2012**  
Societal security Business continuity management systems Guidance  
**Data Limite:** 2012-11-28

TC 223  
**DIS 22398:2012**  
Societal security Guidelines for exercises and testing  
**Data Limite:** 2012-10-24

TC 228  
**FDIS 13293:2012**  
Recreational diving services Requirements for gas blender training programmes  
**Data Limite:** 2012-10-09

TC 228  
**DIS 14785:2012**  
Tourist information offices - Tourist information and reception services - Requirements  
**Data Limite:** 2013-01-20

TC 228  
**DIS 24801-1:2012**  
Recreational diving services - Requirements for the training of recreational scuba divers Part 1: Level 1-Supervised diver  
**Data Limite:** 2013-03-04

TC 228

**DIS 24801-2:2012**

Recreational diving services - Requirements for the training of recreational scuba divers Part 2: Level 2 - Autonomous diver

**Data Limite:** 2013-03-04

TC 228

**DIS 24801-3:2012**

Recreational diving services - Requirements for the training of recreational scuba divers Part 3: Level 3 - Dive leader

**Data Limite:** 2013-03-04

TC 228

**DIS 24802-1:2012**

Recreational diving services - Requirements for the training of recreational scubadivers Part 1: Level 1 - Supervised diver

**Data Limite:** 2013-03-04

TC 228

**DIS 24802-2:2012**

Recreational diving services - Requirements for the training of recreational scuba divers Part 2: Level 2 - Autonomous diver

**Data Limite:** 2013-03-04

TC 238

**DIS 17225-1:2012**

Solid biofuels Fuel specifications and classes Part 1: General requirements

**Data Limite:** 2013-02-27

TC 238

**DIS 17225-2:2012**

Solid biofuels Fuel specifications and classes Part 2: Graded wood pellets

**Data Limite:** 2013-02-27

TC 238

**DIS 17225-3:2012**

Solid biofuels Fuel specifications and classes Part 3: Graded wood briquettes

**Data Limite:** 2013-02-27

TC 238

**DIS 17225-4:2012**

Solid biofuels Fuel specifications and classes Part 4: Graded wood chips

**Data Limite:** 2013-02-27

TC 238

**DIS 17225-5:2012**

Solid biofuels Fuel specifications and classes Part 5: Graded firewood

**Data Limite:** 2013-02-27

TC 238

**DIS 17225-6:2012**

Solid biofuels Fuel specifications and classes Part 6: Graded non-woody pellets

**Data Limite:** 2013-02-27

TC 238

**DIS 17225-7:2012**

Solid biofuels Fuel specifications and classes Part 7: Graded non-woody briquettes

**Data Limite:** 2013-02-27

TC TMB

**DIS 80079-36:2012**

Explosive atmospheres Part 36: Non-electrical equipment

for use in explosive atmospheres - Basic methods and requirements

**Data Limite:** 2012-10-31

TC TMB

**DIS 80079-37:2012**

Explosive atmospheres Part 37: Non-electrical equipment for use in explosive atmospheres - Non-electrical type of protection constructional safety 'c', control of ignition sources 'b', liquid immersion 'k'

**Data Limite:** 2012-10-31

## 9.2 Comitês Técnicos da ISO

Lista dos Comitês Técnicos da Organização Internacional de Normalização (ISO) em relação aos quais não existe ONS (Organismo de Normalização Sectorial) ou CT (Comissão Técnica) e cujos processos se encontram disponíveis para consulta no IPQ

ISO/TC 4 Rolling bearings	Manganese and chromium ores
ISO/TC 12 Quantities, units, symbols, conversion factors	ISO/TC 67 Materials, equipment and offshore structures for petroleum and natural gas industries
ISO/TC 14 Shafts for machinery and accessories	ISO/TC 70 Internal combustion engines
ISO/TC 19 Preferred numbers	ISO/TC 81 Common names for pesticides and other agrochemicals
ISO/TC 20 Aircraft and space vehicles	ISO/TC 83 Sports and recreation equipment
ISO/TC 24 Sieves, sieving and other sizing methods	ISO/TC 85 Nuclear energy
ISO/TC 25 Cast iron and pig iron	ISO/TC 86 Refrigeration
ISO/TC 36 Cinematography	ISO/TC 100 Chains and chain wheels for power transmission and conveyors
ISO/TC 37 Terminology (principles and coordination)	ISO/TC 101 Continuous mechanical handling equipment
ISO/TC 41 Pulleys and belts (including veebelts)	ISO/TC 102 Iron ores
ISO/TC 42 Photography	ISO/TC 110 Industrial trucks
ISO/TC 47 Chemistry	ISO/TC 112 Vacuum technology
ISO/TC 48 Laboratory glassware and related apparatus	ISO/TC 113 Hydrometric determinations
ISO/TC 57 Metrology and properties of surfaces	ISO/TC 114 Horology
ISO/TC 59 Building construction	ISO/TC 115 Pumps
ISO/TC 60 Gears	ISO/TC 116 Space heating appliances
ISO/TC 65	

ISO/TC 117  
Industrial fans

ISO/TC 118  
Compressors, pneumatic tools and  
pneumatic machines

ISO/TC 119  
Powder metallurgy

ISO/TC 120  
Leather

ISO/TC 123  
Plain bearings

ISO/TC 127  
Earth-moving machinery

ISO/TC 131  
Fluid power systems

ISO/TC 132  
Ferroalloys

ISO/TC 137  
Sizing system, designations and marking for  
boots and shoes

ISO/TC 153  
Valves

ISO/TC 154  
Documents and data elements in  
administration, commerce and industry

ISO/TC 155  
Nickel and nickel alloys

ISO/TC 163  
Thermal insulation

ISO/TC 166  
Ceramic ware, glassware and glass ceramic  
ware in contact with food

ISO/TC 167  
Steel and aluminium structures

ISO/TC 170  
Surgical instruments

ISO/TC 173

Technical systems and aids for disabled or  
handicapped persons

ISO/TC 174  
Jewellery

ISO/TC 175  
Fluorspar

ISO/TC 177  
Caravans  
ISO/TC 179

Masonry  
ISO/TC 182  
Geotechnics

ISO/TC 183  
Copper, lead and zinc ores and concentrates

ISO/TC 184  
Industrial automation systems and integration

ISO/TC 185  
Safety devices for protection against  
excessive pressure

ISO/TC 190  
Soil quality

ISO/TC 191  
Humane animal (mammal) traps

ISO/TC 192  
Gas turbines

ISO/TC 195  
Building construction machinery and  
equipment

ISO/TC 197  
Hydrogen energy technologies

ISO/TC 202  
Microbeam analysis

ISO/TC 203  
Technical energy systems

ISO/TC 204  
Transport information and control systems

ISO/TC 205  
Building environmental design

ISO/TC 206  
Fine ceramics

ISO/TC 207  
Management environmental

ISO/TC 208  
Thermal turbines for industrial application  
(steam turbines, gas expansion turbines)

## 10. Projetos de normas e propostas de estudo de novas normas da Comissão Eletrotécnica Internacional (IEC)

Os projetos de normas e propostas de estudo de novas normas estão organizadas por Comitês Técnicos.

### 10.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

SC 17B

**IEC 60947-6-1:2005 /CDV A1:2012**

Low-voltage switchgear and controlgear Part 6-1: Multiple function equipment - Transfer switching equipment

**Data Limite:** 2012-12-14

SC 17A

**IEC 62271-109:2008 /CDV A1:2012**

High-voltage switchgear and controlgear Part 109: Alternating current series capacitor by-pass switches

**Data Limite:** 2012-12-07

SC 17C

**CDV 62271-201:2012**

High-voltage switchgear and controlgear Part 201: AC solid-insulated enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

**Data Limite:** 2012-11-09

SC 17C

**CDV 62271-202:2012**

High-voltage switchgear and controlgear Part 202:

High-voltage/low-voltage prefabricated substation

**Data Limite:** 2012-10-12

SC 17C

**CDV 62271-211:2012**

High-voltage switchgear and controlgear Part 211: Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 kV

**Data Limite:** 2013-01-11

SC 17B

**CDV 62626-1:2012**

Low-voltage switchgear and controlgear enclosed equipment Part 1: Enclosed switch outside the scope of IEC 60947-3 for various applications, to provide isolation of electrical equipment during repair and maintenance work

**Data Limite:** 2013-01-04

SC 21A

**CDV 61951-1:2012**

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells Part 1: Nickel-cadmium

**Data Limite:** 2012-11-16

SC 21A

**FDIS 62133:2012**

Safety requirements for portable sealed secondary cells and for batteries made from them, for use in portable applications

**Data Limite:** 2012-11-09

SC 22H

**IEC 62040-1:2008 /FDIS A1:2012**

Uninterruptible power systems (UPS) Part 1: General and Safety requirements for UPS

**Data Limite:** 2012-11-30

SC 23B

**IEC 60884-1:2002 /FDIS A2:2012**

Plugs and socket-outlets for household and similar purposes Part 1: General requirements

**Data Limite:** 2012-11-30

SC 23E

**IEC 60934:2000 /FDIS A2:2012**

Circuit Breakers for equipment (CBE)

**Data Limite:** 2012-11-16

SC 23E

**IEC 61008-1:2010 /CDV A2:2012**

Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) Part 1: General rules

**Data Limite:** 2013-02-15

SC 23E

**IEC 61009-1:2010 /CDV A2:2012**

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) Part 1: General rules

**Data Limite:** 2013-02-15

SC 23A

**IEC 61386-1:2008 /CDV A1:2012**

Conduit systems for cable management Part 1: General requirements

**Data Limite:** 2012-11-16

SC 23A

**CDV 62275:2012**

Cable management systems - Cable ties for electrical installations

**Data Limite:** 2012-12-14

SC 31J

**CDV 60079-14:2012**

Explosive atmospheres

Part 14: Electrical installations design, selection and erection

**Data Limite:** 2013-01-04

SC 31J

**CDV 60079-17:2012**

Explosive atmospheres Part 17: Electrical installations inspection and maintenance

**Data Limite:** 2012-12-14

- SC 31M  
**CDV 80079-36:2012**  
Explosive atmospheres  
Part 36: Non-electrical equipment for use in explosive atmospheres - Basic method and requirements  
**Data Limite:** 2012-11-02
- SC 31M  
**CDV 80079-37:2012**  
Explosive atmospheres Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety ""ch"", control of ignition source ""bh"", liquid immersion ""kh""  
**Data Limite:** 2012-11-02
- SC 31M  
**CDV 80079-38:2012**  
Explosive atmospheres Part 38: Equipment and components in explosive atmospheres in underground mines  
**Data Limite:** 2012-11-02
- SC 32A  
**CDV 60549:2012**  
High-voltage fuses for the external protection of shunt capacitors  
**Data Limite:** 2012-11-30
- SC 34A  
**IEC 60081:1997 /CDV A5:2012**  
Double-capped fluorescent lamps - Performance specifications  
**Data Limite:** 2013-01-04
- SC 34D  
**CDV 60598-1:2012**  
Luminaires Part 1: General requirements and tests  
**Data Limite:** 2012-11-23
- SC 34D  
**CDV 60598-2-22:2012**  
Luminaires Part 2-22: Particular requirements - Luminaires for emergency lighting  
**Data Limite:** 2012-11-16
- SC 34C  
**IEC 61347-1:2007 /FDIS A2:2012**  
Lamp controlgear  
Part 1: General and safety requirements  
**Data Limite:** 2012-10-05
- SC 34C  
**CDV 61347-2-13:2012**  
Lamp controlgear Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules  
**Data Limite:** 2012-11-09
- SC 34A  
**IEC 62031:2008 /FDIS A1:2012**  
LED modules for general lighting - Safety specifications  
**Data Limite:** 2012-10-19
- SC 34A  
**IEC 62031:2008 /CDV A2:2012**  
LED modules for general lighting - Safety specification  
**Data Limite:** 2013-01-11
- SC 34A  
**IEC 62035:1999 /CDV A3:2012**  
Discharge lamps (excluding fluorescent lamps) - Safety specifications  
**Data Limite:** 2013-01-04
- SC 34C  
**CDV 62442-2:2012**  
Energy performance of lamp controlgear Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of controlgear  
**Data Limite:** 2012-10-26
- SC 34C  
**CDV 62442-3:2012**  
Energy performance of lamp controlgear Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear  
**Data Limite:** 2012-11-23
- SC 34A  
**CDV 62663-1:2012**  
Non-ballasted LED-lamps  
Part 1: Safety specifications  
**Data Limite:** 2012-12-14
- SC 34A  
**CDV 62707-1:2012**  
LED - Binning  
Part 1: General requirements and white grid  
**Data Limite:** 2013-01-11
- SC 45B  
**CDV 60860:2012**  
Radiation protection instrumentation - Warning equipment for criticality accidents  
**Data Limite:** 2013-01-11
- SC 45B  
**FDIS 62387:2012**  
Radiation protection instrumentation - Passive integrating dosimetry systems for personal and environmental monitoring of photon and beta radiation  
**Data Limite:** 2012-11-16
- SC 45B  
**FDIS 62706:2012**  
Radiation protection instrumentation - Environmental, electromagnetic and mechanical performance requirements  
**Data Limite:** 2012-11-23
- SC 45B  
**CDV 62709:2012**  
Radiation protection instrumentation - Measuring the imaging performance of X-ray systems for security screening of humans  
**Data Limite:** 2013-01-04
- SC 46F  
**CDV 61169-1:2012**  
Radio frequency connectors Part 1: Generic specification - General requirements and measuring methods  
**Data Limite:** 2012-11-30
- SC 47D  
**FDIS 60191-6-5:2012**  
Mechanical standardization of semiconductor devices Part 6-5: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Design guide for fine-pitch ball grid array (FBGA)  
**Data Limite:** 2012-12-07



SC 47C

**IEC 60747-5-5:2007 /CDV A1:2012**

Semiconductor devices - Discrete devices Part 5-5:

Optoelectronic devices - Photocouplers

**Data Limite:** 2012-10-12

SC 48B

**IEC 60352-2:2006 /CDV A1:2012**

Solderless connections Part 2: Crimped connections -

General requirements, test methods and practical

guidance

**Data Limite:** 2012-10-05

SC 48B

**CDV 61076-2-109:2012**

Connectors for electronic equipment - Product

requirements Part 2-109: Circular connectors - Detail

specification for connectors M 12 x 1 with

screw-locking, for data transmissions with frequencies

up to 500 MHz

**Data Limite:** 2013-01-18

SC 62A

**IEC 60601-1-6:2010 /CDV A1:2012**

Medical electrical equipment Part 1-6: General

requirements for basic safety and essential performance -

Collateral Standard: General requirement for basic safety

and essential performance - Collateral standard: Usability

**Data Limite:** 2012-10-26

SC 62A

**IEC 60601-1-9:2007 /CDV A1:2012**

Medical electrical equipment Part 1-9: General

requirements for basic safety and essential performance

- Collateral Standard: Requirements for environmentally

conscious design

**Data Limite:** 2013-01-11

SC 62A

**IEC 60601-1-10:2007 /CDV A1:2012**

Medical electrical equipment Part 1-10: General

requirements for basic safety and essential performance

- Collateral Standard: Requirements for the development

of physiologic closed-loop controllers

**Data Limite:** 2013-01-11

SC 62B

**IEC 60601-2-33:2010 /CDV A1:2012**

Medical electrical equipment Part 2-33: Particular

requirements for the basic safety and essential

performance of magnetic resonance equipment for

medical diagnosis

**Data Limite:** 2012-11-30

SC 62D

**CDV 60601-2-36:2012**

Medical electrical equipment Part 2-36: Particular

requirements for the basic safety and essential

performance of extracorporeally induced lithotripsy

**Data Limite:** 2012-12-14

SC 62B

**IEC 60601-2-37:2007 /CDV A1:2012**

Medical electrical equipment Part 2-37: Particular

requirements for the basic safety and essential

performance of ultrasonic medical diagnostic and

monitoring equipment

**Data Limite:** 2013-01-11

SC 62C

**CDV 60601-2-68:2012**

Medical electrical equipment Part 2-68: Particular

requirements for basic safety and essential performance

of X-ray Based Image Guided RadioTherapy equipment for

use with electron accelerators, light ion beam therapy

equipment and radionuclide beam therapy equipment

**Data Limite:** 2012-12-14

SC 62C

**FDIS 61674:2012**

Medical electrical equipment - Dosimeters with

ionization chambers and/or semiconductor detectors as

used in X-ray diagnostic imaging

**Data Limite:** 2012-11-16

SC 62C

**CDV 61675-1:2012**

Radionuclide imaging devices - Characteristics and tests

conditions Part 1: Positron emission tomographs

**Data Limite:** 2012-12-14

SC 62A

**IEC 62366:2007 /CDV A1:2012**

Medical devices - Application of usability engineering

to medical devices

**Data Limite:** 2013-01-11

SC 65C

**CDV 61158-1:2012**

Industrial communication networks - Fieldbus

specifications Part 1: Overview and guidance for the

IEC 61158 and IEC 61784 series

**Data Limite:** 2012-10-12

SC 65C

**CDV 61158-2:2012**

Industrial communication networks - Fieldbus

specifications Part 2: Physical layer specification and

service definition

**Data Limite:** 2012-10-12

SC 65C

**CDV 61158-3-1:2012**

Industrial communication networks - Fieldbus

specifications Part 3-1: Data-link layer service

definition - Type 1 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-2:2012**

Industrial communication networks - Fieldbus

specifications Part 3-2: Data-link layer service

definition - Type 2 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-3:2012**

Industrial communication networks - Fieldbus

specifications Part 3-3: Data-link layer service

definition - Type 3 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-4:2012**

Industrial communication networks - Fieldbus

specifications Part 3 -x: Data-link layer service

definition - Type x elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-4:2012**

Industrial communication networks - Fieldbus

specifications Part 3-4: Data-link layer service

definition - Type 4 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-12:2012**

Industrial communication networks - Fieldbus specifications Part 3-12: Data-link layer service definition - Type 12 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-13:2012**

Industrial communication networks - Fieldbus specifications Part 3-13: Data-link layer service definition - Type 13 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-14:2012**

Industrial communication networks - Fieldbus specifications Part 3-14: Data-link layer service definition - Type 14 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-19:2012**

Industrial communication networks - Fieldbus specifications Part 3-19: Data-link layer service definition - Type 19 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-20:2012**

Industrial communication networks - Fieldbus specifications Part 3-20: Data-link layer service definition - Type 20 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-22:2012**

Industrial communication networks - Fieldbus specifications Part 3-22: Data-link layer service definition - Type 22 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-3-24:2012**

Industrial communication networks - Fieldbus specifications Part 3-24: Data-link layer service definition - Type 24 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-1:2012**

Industrial communication networks - Fieldbus specifications Part 4-1: Data-link layer protocol specification - Type 1 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-2:2012**

Industrial communication networks - Fieldbus specifications Part 4-2: Data-link layer protocol specification - Type 2 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-3:2012**

Industrial communication networks - Fieldbus specifications Part 4-x: Data-link layer protocol specification - Type x elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-4:2012**

Industrial communication networks - Fieldbus specifications Part 4-4: Data-link layer protocol specification - Type 4 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-11:2012**

Industrial communication networks - Fieldbus specifications Part 4-11: Data-link layer protocol specification - Type 11 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-12:2012**

Industrial communication networks - Fieldbus specifications Part 4-12: Data-link layer protocol specification - Type 12 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-13:2012**

Industrial communication networks - Fieldbus specifications Part 4-13: Data-link layer protocol specification - Type 13 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-14:2012**

Industrial communication networks - Fieldbus specifications Part 4-14: Data-link layer protocol specification - Type 14 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-19:2012**

Industrial communication networks - Fieldbus specifications Part 4-19: Data-link layer protocol specification - Type 19 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-20:2012**

Industrial communication networks - Fieldbus specifications Part 4-20: Data-link layer protocol specification - Type 20 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-22:2012**

Industrial communication networks - Fieldbus specifications Part 4-22: Data-link layer protocol specification - Type 22 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-4-24:2012**

Industrial communication networks - Fieldbus specifications Part 4-24: Data-link layer protocol specification - Type 24 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-5-4:2012**

Industrial communication networks - Fieldbus specifications Part 5-4: Application layer service definition - Type 4 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-5-5:2012**

Industrial communication networks - Fieldbus specifications Part 5-5: Application layer service definition - Type 5 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-5-9:2012**

Industrial communication networks - Fieldbus specifications Part 5-9: Application layer service definition - Type 9 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-5-13:2012**

Industrial communication networks - Fieldbus specifications Part 5-13: Application layer service definition - Type 13 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-5-22:2012**

Industrial communication networks - Fieldbus specifications Part 5-22: Application layer service definition - Type 22 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-6-4:2012**

Industrial communication networks - Fieldbus specifications Part 6-4: Application layer protocol specification - Type 4 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-6-5:2012**

Industrial communication networks - Fieldbus specifications Part 6-5: Application layer protocol specification - Type 5 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-6-13:2012**

Industrial communication networks - Fieldbus specifications Part 6-13: Application layer protocol specification - Type 13 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-6-22:2012**

Industrial communication networks - Fieldbus specifications Part 6-22: Application layer protocol specification - Type 22 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-6-23:2012**

Industrial communication networks - Fieldbus specifications Part 6-23: Application layer protocol specification - Type 23 elements

**Data Limite:** 2012-10-19

SC 65C

**CDV 61158-6-24:2012**

Industrial communication networks - Fieldbus specifications Part 6-24: Application layer protocol specification - Type 24 elements

**Data Limite:** 2012-10-19

SC 65B

**FDIS 61499-1:2012**

Function blocks Part 1: Architecture

**Data Limite:** 2012-10-19

SC 65E

**FDIS 62382:2012**

Electrical and instrumentation loop check

**Data Limite:** 2012-10-19

SC 77B

**CDV 61000-4-6:2012**

Electromagnetic compatibility (EMC) Part 4-6: Testing and measurement techniques - Conducted disturbances, induced by radio-frequency fields immunity test

**Data Limite:** 2012-11-16

SC 86A

**FDIS 60793-2-50:2012**

Optical fibres Part 2-50: Product specifications - Sectional specification for class B single-mode fibres

**Data Limite:** 2012-11-23

SC 86A

**CDV 60794-2-20:2012**

Optical fibre cables Part 2-20: Indoor cables - Family specification for multi-fibre optical cables

**Data Limite:** 2012-11-09

SC 86A

**FDIS 60794-2-31:2012**

Optical fibre cables Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling

**Data Limite:** 2012-10-12

SC 86A

**FDIS 60794-3-12:2012**

Optical fibre cables Part 3-12: Outdoor cables - Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling

**Data Limite:** 2012-11-16

SC 86A

**FDIS 60794-4-20:2012**

Optical fibre cables Part 4-20: Aerial optical cables along electrical power lines - Family specification for ADSS (All Dielectric Self Supported) Optical cables

**Data Limite:** 2012-10-05

SC 86B

**CDV 60869-1:2012**

Fibre optic interconnecting devices and passive components - Fibre optic passive power control devices Part 1: Generic specification

**Data Limite:** 2012-11-23

SC 86B

**FDIS 61300-2-11:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-11: Tests - Axial compression

**Data Limite:** 2012-10-12

SC 86B

**FDIS 61300-2-14:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-14: Tests - High optical power

**Data Limite:** 2012-10-12

SC 86B

**FDIS 61300-2-19:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-19: Tests - Damp heat (steady state)

**Data Limite:** 2012-10-19

SC 86B

**FDIS 61300-3-4:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-4: Examinations and measurements - Attenuation

**Data Limite:** 2012-10-26

SC 86B

**FDIS 61300-3-4:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-4: Examinations and measurements - Attenuation

**Data Limite:** 2012-11-02

SC 86B

**CDV 61300-3-52:2012**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-52: Measurement - Guide hole and alignment pin deformation constant, CD for 8 degree angled PC rectangle ferrule, single mode fibres

**Data Limite:** 2013-01-04

SC 86B

**FDIS 61753-021-3:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 021-3: Single-mode fibre optic connectors for category U - Uncontrolled environment

**Data Limite:** 2012-10-26

SC 86B

**FDIS 61753-021-3:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 021-3: Single-mode fibre optic connectors for category U - Uncontrolled environment

**Data Limite:** 2012-11-02

SC 86B

**FDIS 61753-022-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 022-2: Fibre optic connectors terminated on multimode fibre for category C - Controlled environment

**Data Limite:** 2012-10-19

SC 86B

**FDIS 61753-056-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 056-2: Single mode fibre pigtailed style optical fuse for category C - Controlled environment

**Data Limite:** 2012-11-16

SC 86B

**FDIS 61753-057-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 057-2: Single mode fibre plug-receptacle style optical fuse for category C - Controlled environment

**Data Limite:** 2012-11-16

SC 86B

**CDV 61753-071-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 071-2: Non-connectorised single-mode fibre optic 1 x 2 and 2 x 2 spatial switches for category C - Controlled environments

**Data Limite:** 2012-12-14

SC 86B

**FDIS 61753-143-2:2012**

Fibre optic interconnecting devices and passive components - Performance standard Part 143-2: Optical passive VIPA-based dispersion compensator of single-mode fibre transmission for category C - Controlled environments

**Data Limite:** 2012-10-19

SC 86B

**CDV 61754-7-1:2012**

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces Part 7-1: Type MPO connector family - One fibre row

**Data Limite:** 2013-01-04

SC 86C

**CDV 61754-7-2:2012**

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces Part 7-2: Type MPO connector family - Two fibre rows

**Data Limite:** 2013-01-04

SC 86C

**CDV 62148-17:2012**

Fiber optic active components and devices - Package and interface standards Part 17: Transmitter and receiver components with dual coaxial RF connectors

**Data Limite:** 2013-01-04

SC 86C

**CDV 62343-1-3:2012**

Dynamic modules Part 1-3: Performance standards - Dynamic gain tilt equalizer (non-connectorized)

**Data Limite:** 2012-10-12

SC CISPR/A

**CISPR 16-4-2:2011 /CDV A1:2012**

Specification for radio disturbance and immunity measuring apparatus and methods Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty

**Data Limite:** 2012-11-16

SC CISPR/I

**CISPR 20:2006 /CDV A1:2012**

Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement

**Data Limite:** 2012-11-02

SC CISPR/I

**CDV 35:2012**

Electromagnetic Compatibility of Multimedia equipment - Immunity Requirements

**Data Limite:** 2012-11-02

SC CISPR/I

**PAS 62825:2012**

Methods of measurement and limits for radiated disturbances from plasma display panel TVs in the frequency range 150 kHz to 30 MHz

**Data Limite:** 2012-10-12

TC 1

**IEC 60050-131:2002 /FDIS A2:2012**

International Electrotechnical Vocabulary Part 131: Circuit theory

**Data Limite:** 2012-10-05

TC 1

**IEC 60050-151:2001 /FDIS A1:2012**

International Electrotechnical Vocabulary Part 151: Electrical and magnetic devices (Proposed horizontal standard)

**Data Limite:** 2012-10-12

TC 2

**CDV 60034-18-41:2012**

Rotating electrical machines Part 18-41: Qualification and quality control tests for partial discharge free (Type I)

electrical insulation systems used in rotating electrical machines fed from voltage converters

**Data Limite:** 2012-12-14

TC 2

**FDIS 60034-28:2012**

Rotating electrical machines Part 28: Test methods for determining quantities of equivalent circuit diagrams for three-phase low-voltage cage induction motors

**Data Limite:** 2012-11-23

TC 2

**CDV 60034-30-1:2012**

Rotating electrical machines Part 30-1: Efficiency classes of single-speed, three-phase, cage-induction motors (IE-code)

**Data Limite:** 2013-01-04

TC 9

**FDIS 60349-4:2012**

Electric traction - Rotating electrical machines for rail and road vehicles Part 4: Permanent magnet synchronous electrical machines connected to an electronic converter

**Data Limite:** 2012-11-23

TC 9

**IEC 61881-3:2012 /CDV A1:2012**

Railway applications - Rolling stock equipment - Capacitors for power electronic

Part 3: Electric double-layer capacitors

**Data Limite:** 2013-01-18

TC 9

**CDV 62724:2012**

Railway applications - Fixed installations - Electric traction - Insulating synthetic rope assemblies for support of overhead contact lines

**Data Limite:** 2012-12-07

TC 10

**FDIS 60422:2012**

Mineral insulating oils in electrical equipment - Supervision and maintenance guidance

**Data Limite:** 2012-11-30

TC 10

**CDV 62021-3:2012**

Insulating liquids - Determination of acidity Part 3: Test methods for non-mineral insulating oils

**Data Limite:** 2013-01-11

TC 10

**CDV 62701:2012**

Fluids for electrotechnical applications - Recycled mineral insulating oils for transformers and switchgears

**Data Limite:** 2012-10-19

TC 15

**CDV 60819-3-4:2012**

Non-cellulosic papers for electrical purposes Part 3: Specifications for individual materials

Sheet 4: Aramid fibre paper containing not more than 50 % of mica particles

**Data Limite:** 2013-02-22

TC 21

**PAS 16898:2012**

Electrically propelled road vehicles - Dimensions and designation of lithium ion cells

**Data Limite:** 2012-11-30

TC 26

**FDIS 60974-2:2012**

Arc welding equipment Part 2: Liquid cooling systems

**Data Limite:** 2012-12-07

TC 26

**CDV 60974-3:2012**

Arc welding equipment

Part 3: Arc striking and stabilizing devices

**Data Limite:** 2013-01-04

TC 26

**FDIS 60974-7:2012**

Arc welding equipment

Part 7: Torches

**Data Limite:** 2012-11-23

TC 26

**CDV 60974-10:2012**

Arc welding equipment Part 10: Electromagnetic compatibility (EMC) requirements

**Data Limite:** 2012-11-09

TC 27

**CDV 60519-4:2012**

Safety in electroheating installations Part 4: Particular requirements for arc furnace installations

**Data Limite:** 2012-11-23

TC 27

**CDV 62395-1:2012**

Electrical resistance trace heating systems for industrial and commercial applications Part 1: General and testing requirements

**Data Limite:** 2012-10-12

TC 27

**CDV 62395-2:2012**

Electrical resistance trace heating systems for industrial and commercial applications Part 2: Application guide for system design, installation and maintenance

**Data Limite:** 2012-10-12

TC 31

**CDV 60079-5:2012**

Explosive atmospheres Part 5: Equipment protection by powder filling "mq"

**Data Limite:** 2013-01-11

TC 33

**FDIS 60143-2:2012**

Series capacitors for power systems Part 2: Protective equipment for series capacitor banks

**Data Limite:** 2012-11-23

TC 33

**CDV 60358-3:2012**

Coupling capacitors and capacitor dividers Part 3: AC or DC coupling capacitors for harmonic-filters applications

**Data Limite:** 2013-01-11

TC 35

**FDIS 62281:2012**

Safety of primary and secondary lithium cells and batteries during transport

**Data Limite:** 2012-11-02

TC 36

**CDV 60507:2012**

Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems

**Data Limite:** 2012-11-02

TC 38

**CDV 61869-9:2012**

Instrument Transformers Part 9: Digital interface for instrument transformers

**Data Limite:** 2013-01-11

TC 40

**CDV 60393-2:2012**

Potentiometers for use in electronic equipment Part 2: Sectional specification: lead-screw actuated and rotary preset potentiometers

**Data Limite:** 2012-11-02

TC 40

**CDV 60393-2:2012**

Potentiometers for use in electronic equipment Part 2: Sectional specification: lead-screw actuated and rotary preset potentiometers

**Data Limite:** 2012-11-09

TC 40

**CDV 60393-5:2012**

Potentiometers for use in electronic equipment Part 5: Sectional specification: single-turn rotary low-power wirewound and non-wirewound potentiometers

**Data Limite:** 2012-11-09

TC 40

**CDV 60393-6:2012**

Potentiometers for use in electronic equipment Part 6: Sectional specification: Surface mount preset potentiometers

**Data Limite:** 2012-11-09

TC 45

**CDV 61435:2012**

Nuclear instrumentation - High purity germanium crystals for radiation detectors - Basic measurement methods of characteristics

**Data Limite:** 2012-11-30

TC 46

**CDV 62153-4-3:2012**

Metallic communication cable test methods Part 4-3: Electromagnetic Compatibility (EMC) - Surface transfer impedance - Triaxial method

**Data Limite:** 2012-11-23

TC 49

**CDV 60444-6:2012**

Measurement of quartz crystal unit parameters Part 6 : Measurement of drive level dependence (DLD)

**Data Limite:** 2013-01-04

TC 49

**FDIS 60679-3:2012**

Quartz crystal controlled oscillators of assessed quality Part 3: Standard outlines and lead connections

**Data Limite:** 2012-12-07

TC 49

**FDIS 62276:2012**

Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods

**Data Limite:** 2012-10-05

TC 55

**CDV 60317-0-2:2012**

Specifications for particular types of winding wires Part 0-2: General requirements - Enamelled rectangular copper wire

**Data Limite:** 2012-10-26

TC 55

**CDV 60317-27:2012**

Specifications for particular types of winding wires Part 27: Paper tape covered rectangular copper wire

**Data Limite:** 2012-10-26

TC 55

**CDV 60317-28:2012**

Specifications for particular types of winding wires Part 28: Polyesterimide enamelled rectangular copper wire, class 180

**Data Limite:** 2012-10-26

TC 56

**FDIS 61850-7-410:2012**

Communication networks and systems for power utility automation Part 7-410: Basic communication structure - Hydroelectric power plants - Communication for monitoring and control

**Data Limite:** 2012-10-05

TC 57

**CDV 61850-3:2012**

Communication networks and systems for power utility automation Part 3: General requirements

**Data Limite:** 2012-10-19

TC 57

**FDIS 61850-5:2012**

Communication networks and systems for power utility automation Part 5: Communication requirements for functions and device models

**Data Limite:** 2012-11-30

TC 57

**FDIS 61850-10:2012**

Communication networks and systems for power utility automation Part 10: Conformance testing

**Data Limite:** 2012-11-23

TC 57

**CDV 61968-9:2012**

Application integration at electric utilities - System interfaces for distribution management Part 9: Interfaces for meter reading and control

**Data Limite:** 2012-10-05

TC 57

**CDV 61968-100:2012**

Application integration at electric utilities - System interfaces for distribution management Part 100: Implementation profiles

**Data Limite:** 2012-10-05

TC 57

**CDV 61970-301:2012**

Energy management system application program interface (EMS-API) Part 301: Common Information Model (CIM) base

**Data Limite:** 2013-01-04

TC 57

**CDV 61970-452:2012**

Energy Management System Application Program Interface (EMS-API) Part 452: CIM Static Transmission Network Model Profiles

**Data Limite:** 2013-01-04

TC 57

**CDV 61970-453:2012**

Energy Management System Application Program Interface (EMS-API) Part 453: Diagram Layout Profile

**Data Limite:** 2013-01-04

TC 57

**CDV 61970-552:2012**

Energy Management System Application Program Interface (EMS-API) Part 552: CIM XML Model Exchange Format

**Data Limite:** 2012-11-30

TC 57

**CDV 62325-351:2012**

Framework for energy market communications Part 351: CIM European market model exchange profile

**Data Limite:** 2012-10-26

TC 57

**CDV 62325-451-1:2012**

Framework for energy market communications Part 451-1: Acknowledgement business process and contextual model for CIM European market

**Data Limite:** 2013-01-04

TC 57

**FDIS 62488-1:2012**

Power line communication systems for power utility applications Part 1: Planning of analogue and digital power line carrier systems operating over EHV/HV/MV electricity grids

**Data Limite:** 2012-11-09

TC 61

**IEC 60335-2-2:2009 /FDIS A1:2012**

Household and similar electrical appliances - Safety Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

**Data Limite:** 2012-10-19

TC 61

**IEC 60335-2-4:2008 /FDIS A1:2012**

Household and similar electrical appliances - Safety Part 2-4: Particular requirements for spin extractor

**Data Limite:** 2012-10-19

TC 61

**FDIS 60335-2-5:2012**

Household and similar electrical appliances - Safety Part 2-5: Particular requirements for dishwashers

**Data Limite:** 2012-10-19

TC 61

**FDIS 60335-2-8:2012**

Household and similar electrical appliances - Safety Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

**Data Limite:** 2012-11-16

TC 61

**IEC 60335-2-9:2008 /FDIS A1:2012**

Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

**Data Limite:** 2012-10-19

TC 61

**IEC 60335-2-11:2008 /FDIS A1:2012**

Household and similar electrical appliances - Safety Part 2-11: Particular requirements for tumble dryers

**Data Limite:** 2012-10-05

TC 61

**IEC 60335-2-14:2006 /FDIS A2:2012**

Household and similar electrical appliances - Safety Part 2-14: Particular requirements for kitchen machines

**Data Limite:** 2012-10-19

TC 61

**FDIS 60335-2-15:2012**

Household and similar electrical appliances - Safety Part 2-15: Particular requirements for appliances for heating liquids

**Data Limite:** 2012-10-19

TC 61

**FDIS 60335-2-21:2012**

Household and similar electrical appliances - Safety Part 2-21: Particular requirements for storage water heaters

**Data Limite:** 2012-10-19

TC 61

**IEC 60335-2-27:2009 /FDIS A1:2012**

Household and similar electrical appliances - Safety Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

**Data Limite:** 2012-10-19

TC 61

**FDIS 60335-2-31:2012**

Household and similar electrical appliances - Safety Part 2-31: Particular requirements for range hoods and other cooking fume extractors

**Data Limite:** 2012-10-19

TC 61

**FDIS 60335-2-35:2012**

Household and similar electrical appliances - Safety Part 2-35: Particular requirements for instantaneous water heaters

**Data Limite:** 2012-10-19

TC 61

**FDIS 60335-2-41:2012**

Household and similar electrical appliances - Safety Part 2-41: Particular requirements for pumps

**Data Limite:** 2012-11-16

TC 61

**FDIS 60335-2-75:2012**

Household and similar electrical appliances - Safety Part 2-75: Particular requirements for commercial dispensing appliances and vending machines

**Data Limite:** 2012-11-16

TC 61

**IEC 60335-2-102:2004 /FDIS A2:2012**

Household and similar electrical appliances - Safety Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections

**Data Limite:** 2012-10-19

TC 65

**FDIS 61010-2-201:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-201: Particular requirements for control equipment, excluding functional safety, in the scope of industrial-process measurement, control and automation

**Data Limite:** 2012-11-30

TC 66

**CDV 61010-2-010:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-010: Particular requirements for laboratory equipment for the heating of materials

**Data Limite:** 2012-11-30

TC 66

**CDV 61010-2-051:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

**Data Limite:** 2012-11-30

TC 66

**CDV 61010-2-061:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

**Data Limite:** 2012-11-30

TC 66

**CDV 61010-2-081:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes

**Data Limite:** 2012-11-30

TC 66

**CDV 61010-2-101:2012**

Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-101: Particular requirements for laboratory equipment for in vitro diagnostic (IVD) medical equipment

**Data Limite:** 2013-01-04

TC 70

**IEC 60529:1989 /CDV A2:2012**

Degrees of protection provided by enclosures (IP Code) - Proposal on IPX9 ""High pressure water test""

**Data Limite:** 2013-01-11

TC 78

**CDV 60903:2012**

Live working - Electrical insulating gloves

**Data Limite:** 2013-02-15

TC 78

**CDV 60984:2012**

Live working - Electrical insulating sleeves

**Data Limite:** 2013-02-15

TC 79

**CDV 62676-1-1:2012**

Video surveillance systems for use in security applications Part 1-1: Video system requirements

**Data Limite:** 2012-11-09

TC 79

**CDV 62676-1-2:2012**

Video surveillance systems for use in security applications Part 1-2: Video transmission - General video transmission - requirements

**Data Limite:** 2012-11-09

TC 79

**CDV 62676-2-1:2012**

Video surveillance systems for use in security applications Part 2-1: Video transmission protocols - General requirements

**Data Limite:** 2012-10-26

TC 79

**CDV 62676-2-2:2012**

Video surveillance systems for use in security applications Part 2-2: Video transmission protocols - IP interoperability implementation based on HTTP and

REST services

**Data Limite:** 2012-10-26

TC 79

**CDV 62676-2-3:2012**

Video surveillance systems for use in security applications Part 2-3: Video transmission protocols - IP interoperability implementation based on web services

**Data Limite:** 2012-10-26

TC 80

**FDIS 61924-2:2012**

Maritime navigation and radiocommunication equipment and systems - Integrated Navigation Systems Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results

**Data Limite:** 2012-11-09

TC 80

**CDV 61996-1:2012**

Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) Part 1: Voyage data recorder (VDR) - Performance requirements, methods of testing and required test results

**Data Limite:** 2012-11-16

TC 80

**CDV 62388:2012**

Maritime navigation and radiocommunication equipment and systems - Shipborne radar - Performance requirements, methods of testing and required test results

**Data Limite:** 2013-01-11

TC 82

**CDV 60904-8:2012**

Photovoltaic devices Part 8: Measurement of spectral response of a photovoltaic (PV) device

**Data Limite:** 2012-11-23

TC 82

**CDV 62670-1:2012**

Concentrator photovoltaic (CPV) performance testing Part 1: Standard conditions

**Data Limite:** 2012-11-30

TC 82

**CDV 62716:2012**

Ammonia corrosion testing of photovoltaic (PV) modules

**Data Limite:** 2012-11-02

TC 85

**FDIS 60688:2012**

Electrical measuring transducers for converting a.c. electrical quantities to analogue or digital signals

**Data Limite:** 2012-10-05

TC 88

**CDV 61400-2:2012**

Wind turbines Part 2: Small wind turbines

**Data Limite:** 2013-01-25

TC 88

**FDIS 61400-4:2012**

Wind turbines Part 4: Design requirements for wind turbine gearboxes

**Data Limite:** 2012-11-09

TC 88

**FDIS 61400-11:2012**

Wind turbines Part 11: Acoustic noise measurement techniques

**Data Limite:** 2012-10-19



TC 89

**CDV 60695-1-40:2012**

Fire hazard testing Part 1-40: Guidance for assessing the fire hazard of electrotechnical products - Insulating liquids

**Data Limite:** 2013-01-11

TC 89

**CDV 60695-2-11:2012**

Fire hazard testing Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products

**Data Limite:** 2013-01-11

TC 89

**CDV 60695-9-2:2012**

Fire hazard testing Part 9-2: Surface spread of flame - Summary and relevance of test methods

**Data Limite:** 2013-01-04

TC 89

**CDV 60695-10-2:2012**

Fire hazard testing  
Part 10-2 : Abnormal heat - Ball pressure test

**Data Limite:** 2013-01-11

TC 90

**CDV 61788-18:2012**

Superconductivity Part 18: Mechanical properties measurement - Room temperature tensile test of Ag- and/or Ag alloy-sheathed Bi-2223 and Bi-2212 composite superconductors

**Data Limite:** 2012-10-05

TC 90

**CDV 61788-19:2012**

Superconductivity Part 19: Mechanical properties measurement - Room temperature tensile test of reacted Nb<sub>3</sub>Sn composite superconductors

**Data Limite:** 2013-01-18

TC 91

**IEC 61190-1-2:2007 /CDV A1:2012**

Attachment materials for electronic assembly Part 1-2: Requirements for soldering pastes for high-quality interconnects in electronics assembly

**Data Limite:** 2012-11-02

TC 91

**FDIS 61249-2-27:2012**

Materials for printed boards and other Interconnecting structures Part 2-27 Reinforced base materials clad and unclad - Bismaleimide/triazine modified with non-halogenated epoxide woven glass laminate sheets of defined flammability (vertical burning test), copper-clad

**Data Limite:** 2012-11-02

TC 91

**FDIS 61249-2-30:2012**

Materials for printed boards and other interconnecting structures Part 2-30: Reinforced base materials clad and unclad - Non-halogenated epoxide modified cyanate ester woven glass laminate of defined flammability (vertical burning test), copper-clad

**Data Limite:** 2012-11-02

TC 91

**FDIS 61249-2-39:2012**

Materials for printed boards and other interconnecting structures Part 2-39: Reinforced base materials clad and unclad - High performance epoxide and non-epoxide, woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

**Data Limite:** 2012-11-02

TC 91

**FDIS 61249-2-40:2012**

Materials for printed boards and other interconnecting structures Part 2-40: Reinforced base materials, clad and unclad - High performance, non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

**Data Limite:** 2012-11-02

TC 95

**CDV 60255-27:2012**

Measuring relays and protection equipment Part 27: Product safety requirements

**Data Limite:** 2012-12-14

TC 95

**CDV 60255-121:2012**

Measuring relays and protection equipment Part 121: Functional requirements for distance protection

**Data Limite:** 2013-01-04

TC 95

**CDV 60255-149:2012**

Measuring relays and protection equipment Part 149: Functional requirements for thermal electrical relays

**Data Limite:** 2012-10-26

TC 96

**CDV 61558-2-10:2012**

Safety of transformers, reactors, power supply units and combinations thereof Part 2-10: Particular requirements and tests for separating transformers with high insulation level and separating transformers with output voltage exceeding 1000 V

**Data Limite:** 2013-01-04

TC 96

**FDIS 61558-2-14:2012**

Safety of transformers, reactors, power supply units and combinations thereof Part 2-14: Particular requirements and test for variable transformers and power supply units incorporating variable transformers

**Data Limite:** 2012-11-09

TC 96

**IEC 61558-2-16:2009 /CDV A1:2012**

Safety of transformers, reactors, power supply units and combinations thereof Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units

**Data Limite:** 2012-10-12

TC 100

**IEC 61883-6:2005 /CDV A1:2012**

Consumer audio/video equipment - Digital interface Part 6: Audio and music data transmission protocol (TA 4)

**Data Limite:** 2012-11-09

TC 100

**IEC 61883-8:2008 /CDV A1:2012**

Consumer audio/video equipment - Digital interface Part 8: Transmission of ITU-R BT.601 style digital video data (TA 4)

**Data Limite:** 2012-11-30

TC 100

**IEC 61937-6:2006 /CDV A1:2012**

Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 Part 6: Non-linear PCM bitstreams according to the MPEG-2 AAC and MPEG-4 AAC audio formats (TA 4)

**Data Limite:** 2012-12-14

TC 100  
**CDV 62379-5-2:2012**  
Common control interface for networked digital audio and video products Part 5-2: Transmission over networks - Signalling (TA 4)  
**Data Limite:** 2012-11-30

TC 100  
**CDV 62394:2012**  
Service diagnostic interface for consumer electronics products and networks - Implementation for ECHONET (TA9)

**Data Limite:** 2012-10-19

TC 100  
**CDV 62516-3:2012**  
Terrestrial digital multimedia broadcasting (T-DMB) receivers Part 3: Common API (TA1)  
**Data Limite:** 2012-10-19

TC 101  
**IEC 61340-4-1:2003 /CDV A1:2012**  
Electrostatics Part 4-1: Standard test methods for specific applications - Electrical resistance of floor coverings and installed floors  
**Data Limite:** 2012-12-14

TC 104  
**FDIS 60068-2-78:2012**  
Environmental testing Part 2-78: Tests - Test Cab: Damp heat, steady state  
**Data Limite:** 2012-10-19

TC 104  
**FDIS 60721-2-2:2012**  
Classification of environmental conditions Part 2-2: Environmental conditions appearing in nature - Precipitation and wind  
**Data Limite:** 2012-11-09

TC 104  
**CDV 60721-2-9:2012**  
Classification of environmental conditions Part 2-9: Environmental conditions appearing in nature - Defining an environmental description from measured shock and vibration data: Storage, Transportation and In-use  
**Data Limite:** 2013-01-04

TC 108  
**FDIS 62623:2012**  
Desktop and notebook computers - Measurement of energy consumption  
**Data Limite:** 2012-10-19

TC 110  
**CDV 61747-10-1:2012**  
Liquid crystal display devices Part 10-1: Mechanical test methods  
**Data Limite:** 2013-01-04

TC 110  
**CDV 62341-5-3:2012**  
Organic light emitting diode (OLED) displays Part 5-3: Measuring methods of image sticking and lifetime  
**Data Limite:** 2012-10-19

TC 110  
**CDV 62595-1-1:2012**  
LCD Backlight Unit Part 1-1: Generic specification  
**Data Limite:** 2012-11-23

TC 110  
**CDV 62629-1-2:2012**  
3D Display devices Part 1-2: Generic - Terminology and letter symbols  
**Data Limite:** 2012-11-23

TC 112  
**CDV 60544-1:2012**  
Electrical insulating materials - Determination of the effects of ionizing radiation

Part 1: Radiation interaction and dosimetry  
**Data Limite:** 2013-01-04

TC 116  
**FDIS 60745-2-23:2012**  
Hand-held motor-operated electric tools - Safety Part 2-23: Particular requirements for die grinders and small rotary tools  
**Data Limite:** 2012-11-16

TC 116  
**CDV 62841-1:2012**  
Electric Motor - Operated Hand-Held, Transportable Tools and Lawn and Garden Machinery - Safety Part 1: General requirements  
**Data Limite:** 2013-01-11

TC 116  
**CDV 62841-2-2:2012**  
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches  
**Data Limite:** 2013-01-11

TC 116  
**CDV 62841-2-4:2012**  
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type  
**Data Limite:** 2013-01-11

TC 116  
**CDV 62841-3-1:2012**  
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety Part 3-1: Particular requirements for transportable table saws  
**Data Limite:** 2013-01-04

TC 116  
**CDV 62841-3-6:2012**  
Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety Part 3-6: Particular requirements for diamond drills with liquid system  
**Data Limite:** 2013-01-04

## 11. Projetos de normas da Organização Internacional de Normalização (ISO)/Comissão Eletrotécnica Internacional (IEC)

Os projetos de norma estão organizados por "Comité Técnico conjunto" ISO/IEC.

### 11.1 Projetos em inquérito público

Para cada referência menciona-se a designação codificada, o título e a data limite para a apresentação de comentários.

ISO/IEC TC CABPUB

**DIS 17021-3:2012**

Conformity assessment - Requirements for bodies providing audit and certification of management systems  
Part 3: Competence requirements for auditing and certification of quality management systems

**Data Limite:** 2012-11-23

## 12. Edição e anulação de outros Documentos Normativos

### 12.1 Documentos Normativos editados

Para cada referência, menciona-se a designação codificada (prefixos DNP TS, DNP TR, DNP Guia, DNP CEN/TS, DNP CEN/TS, DNP CEN Guia, DNP CEN/CLC Guia, DNP CLC/TS, DNP CLC/TR, DNP CLC Guia, DNP CEN/CLC, DNP ENV, DNP CWA, DNP ISO/TS, DNP ISO/TR, DNP ISO Guia, DNP ISO/IEC Guia, DNP IEC/TS, DNP IEC/TR, DNP ISO/PAS, DNP IWA e DNP IEC/PAS, número, parte e data), o preço, o título e a correspondência a documentos europeus e/ou internacionais, quando existam, o número do Termo de Aprovação e a respetiva data.

Os Documentos Normativos referenciados entram em vigor no dia seguinte ao da edição desta Lista Mensal.

**DNP ISO/TS 128-71:2012****Preço: 14,00 EUR**

Documentação técnica de produtos (TPD)

Princípios gerais de representação

Parte 71: Representação simplificada para desenhos de engenharia mecânica