

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.

## ÍNDICE

### 1. Normas Portuguesas

1.1 Normas Portuguesas publicadas .....	3
1.2 Normas Portuguesas anuladas .....	6
1.3 Normas Portuguesas em re-exame .....	9
1.4 Normas Europeias adotadas .....	10

### 2. Normas Europeias Publicadas

2.1 CEN .....	17
2.2 CENELEC .....	22
2.3 CEN/CENELEC .....	24
2.4 ETSI .....	25

### 3. Normas Internacionais publicadas

IEC .....	27
ISO .....	29

### 4. Projetos de normas portuguesas

4.1 Projetos em inquérito público .....	31
4.2 Projetos anulados .....	32

### 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))

5.1 Projetos em inquérito público .....	33
5.2 Questionários preliminares .....	59
5.3 Comités Técnicos do CEN .....	60

## ÍNDICE (cont.)

<b>6. Projetos de normas e propostas de estudo de novas normas do Comité Europeu de Normalização Electrotécnica (CENELEC)</b>	
6.1 Projetos em inquérito público .....	64
6.2 Propostas de anulação de Normas .....	77
6.3 Proposta de estudo de novas normas - "Vilamoura Procedures" .....	78
6.4 Questionários preliminares .....	79
<b>7. Projetos de Normas e Propostas de Estudo de Novas Normas do Comité Europeu de Normalização (CEN) / Comité Europeu de Normalização Electrotécnica (CENELEC)</b>	
7.1 Projetos em inquérito público .....	80
<b>8. Projetos de normas do Instituto Europeu de Normalização para as Telecomunicações (ETSI)</b>	
8.1 Projetos em inquérito público .....	81
8.2 Propostas de anulação de Normas .....	83
<b>9. Projetos de normas e propostas de estudo de novas Normas de Organização Internacional de Normalização (ISO)</b>	
9.1 Projetos em inquérito público .....	84
9.2 Comités Técnicos da ISO .....	104
<b>10. Projetos de normas e propostas de estudo de novas normas da Comissão Electrotécnica Internacional (IEC)</b>	
10.1 Projetos em inquérito público .....	107
<b>11. Projetos de normas da Organização Internacional de Normalização (ISO)/Comissão Electrotécnica Internacional (IEC)</b>	
11.1 Projetos em inquérito público .....	117
<b>12. Edição e anulação de outros documentos Normativos</b>	
.....	118

## 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.

A250 / CT 25

**NP 4512-ALEMÃO:2012 ( 1ª Edição )** Preço: 45,00 EUR

Managementsystem für die Berufsausbildung, einschließlich technologiestütztem Lernen Anforderungen  
NP 4512:2012 IDT

**Termo de Homologação de** 2012-09-27

A250 / CT 25

**NP 4512-ROMENO:2012 ( 1ª Edição )** Preço: 45,00 EUR

Sistem de management al pregatirii profesionale ce include invatarea cu ajutorul tehnologiei Cerinte  
NP 4512:2012 IDT

**Termo de Homologação de** 2012-09-27

A250 / CT 25

**NP 4512-ESPANHOL:2012 ( 1ª Edição )** Preço: 45,00 EUR

Sistema de gestión de la formación profesional, incluido el aprendizaje mejorado con tecnología Requisitos  
NP 4512:2012 IDT

**Termo de Homologação de** 2012-09-27

C10 / CT 1

**NP ISO 15519-1:2012 ( 1ª Edição )** Preço: 40,00 EUR

Especificações para esquemas da indústria de processo Parte 1: Regras gerais  
(ISO 15519-1:2010)  
ISO 15519-1:2010 IDT

**Termo de Homologação n°** 2012/0288, 2012-10-24

C30 / CT 3

**NP EN ISO 11127-1:2012 ( 2ª Edição )** Preço: 10,50 EUR

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Métodos de ensaio para abrasivos não metálicos para decapagem por projeção Parte 1: Amostragem  
(ISO 11127-1:2011)

EN ISO 11127-1:2011 IDT

**Termo de Homologação n°** 2012/0263, 2012-09-20

C30 / CT 3

**NP EN ISO 11127-2:2012 ( 2ª Edição )** Preço: 10,50 EUR

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Métodos de ensaio para abrasivos não metálicos para decapagem por projeção Parte 2: Determinação da distribuição granulométrica das partículas  
(ISO 11127-2:2011)

EN ISO 11127-2:2011 IDT

**Termo de Homologação n°** 2012/0264, 2012-09-20

C30 / CT 3

**NP EN ISO 11127-3:2012 ( 2ª Edição )** Preço: 10,50 EUR

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Métodos de ensaio para abrasivos não metálicos para decapagem por projeção Parte 3: Determinação da massa volumétrica aparente

(ISO 11127-3:2011)

EN ISO 11127-3:2011 IDT

**Termo de Homologação n°** 2012/0265, 2012-09-20

C30 / CT 3

**NP EN ISO 11127-4:2012 ( 2ª Edição )** Preço: 7,00 EUR

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Métodos de ensaio para abrasivos não metálicos para decapagem por projeção Parte 4: Avaliação da dureza por ensaio de deslizamento sobre vidro  
(ISO 11127-4:2011)

EN ISO 11127-4:2011 IDT

**Termo de Homologação n°** 2012/0266, 2012-09-20

C30 / CT 3

**NP EN ISO 11127-5:2012 ( 2ª Edição )** Preço: 7,00 EUR

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Métodos de ensaio para abrasivos não metálicos para decapagem por projeção Parte 5: Determinação da humidade  
(ISO 11127-5:2011)

EN ISO 11127-5:2011 IDT

**Termo de Homologação n°** 2012/0267, 2012-09-20

C30 / CT 3

**NP EN ISO 11127-6:2012 ( 2ª Edição )** Preço: 7,00 EUR

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Métodos de ensaio para abrasivos não metálicos para decapagem por projeção Parte 6: Determinação dos contaminantes solúveis em água pela medição da condutividade  
(ISO 11127-6:2011)

EN ISO 11127-6:2011 IDT

**Termo de Homologação n°** 2012/0268, 2012-09-20

C30 / CT 3

**NP EN ISO 11127-7:2012 ( 2ª Edição )** Preço: 7,00 EUR

Preparação de substratos de aço antes da aplicação de tintas e produtos similares Métodos de ensaio para abrasivos não metálicos para decapagem por projeção Parte 7: Determinação de cloretos solúveis em água  
(ISO 11127-7:2011)

EN ISO 11127-7:2011 IDT

**Termo de Homologação n°** 2012/0269, 2012-09-20

C30 / CT 3

**NP EN ISO 11998:2012 ( 1ª Edição )** Preço: 17,50 EUR

Tintas e vernizes Determinação da resistência à esfrega húmida e da lavabilidade de revestimentos por pintura  
(ISO 11998:2006)

EN ISO 11998:2006 IDT

**Termo de Homologação n°** 2012/0240, 2012-08-23

C460 / CT 46

**NP EN 1846-1:2012 ( 2ª Edição )** Preço: 10,50 EUR

Veículos de socorro e de combate a incêndio Parte 1: Nomenclatura

e designação

EN 1846-1:2011 IDT

**Termo de Homologação n° 2012/0275, 2012-09-26**

C460 / CT 46

**NP EN 1846-2:2012 ( 1ª Edição )**

Preço: 50,00 EUR

Veículos de socorro e de combate a incêndio Parte 2: Requisitos

comuns - Segurança e desempenho

EN 1846-2:2009 IDT

**Termo de Homologação n° 2012/0277, 2012-09-28**

C580 / CT 58

**NP EN ISO 15877-1:2012 ( 1ª Edição )**

Preço: 17,50 EUR

Sistemas de tubagem de plástico para instalações de água quente e

fria Poli(cloreto de vinilo) clorado (PVC-C) Parte 1: Generalidades

(ISO 15877-1:2009)

EN ISO 15877-1:2009 IDT;EN ISO 15877-1:2009 /A 1:2010 IDT

**Termo de Homologação n° 2012/0221, 2012-08-10**

C580 / CT 58

**NP EN ISO 15877-2:2012 ( 1ª Edição )**

Preço: 21,00 EUR

Sistemas de tubagens de plástico para instalações de água quente e

fria Poli(cloreto de vinilo) clorado (PVC-C) Parte 2: Tubos

(ISO 15877-2:2009)

EN ISO 15877-2:2009 IDT;EN ISO 15877-2:2009 /A 1:2010 IDT

**Termo de Homologação n° 2012/0222, 2012-08-10**

C810 / CT 81

**NP EN 13135-1:2003+A1:2012 ( 1ª Edição )**

Preço: 31,50 EUR

Aparelhagem de baixa tensão Interface de dispositivos de controlo

Parte 1: Requisitos gerais

(IEC 62026-1:2007)

EN 13135-1:2003+A1:2010 IDT

**Termo de Homologação n° 2012/0282, 2012-10-15**

C810 / CT 81

**NP EN 13157-:2004+A1:2012 ( 1ª Edição )**

Preço: 50,00 EUR

Aparelhos de elevação de carga suspensa Segurança Aparelhos de

elevação manuais

EN 13157-:2004+A1:2009 IDT

**Termo de Homologação n° 2012/0175, 2012-07-06**

C900 / CT 90

**NP ISO 24510:2012 ( 1ª Edição )**

Preço: 57,50 EUR

Atividades relativas aos serviços de abastecimento público de água

e de gestão de águas residuais Recomendações para a avaliação do

desempenho e para a melhoria do serviço aos utilizadores

ISO 24510:2007 IDT

**Termo de Homologação n° 2012/0242, 2012-08-27**

C900 / CT 90

**NP ISO 24511:2012 ( 1ª Edição )**

Preço: 55,00 EUR

Atividades relativas aos serviços de abastecimento público de água

e de gestão de águas residuais Recomendações para a gestão das

organizações e para a avaliação do desempenho do serviço de gestão

de águas residuais

ISO 24511:2007 IDT

**Termo de Homologação n° 2012/0243, 2012-08-27**

C900 / CT 90

**NP ISO 24512:2012 ( 1ª Edição )**

Preço: 52,50 EUR

Atividades relativas aos serviços de abastecimento público de água

e de gestão de águas residuais Recomendações para a gestão das

organizações e para a avaliação do desempenho do serviço de

abastecimento público de água

ISO 24512:2007 IDT

**Termo de Homologação n° 2012/0244, 2012-08-27**

C1040 / CT 104

**NP EN 450-1:2012 ( 3ª Edição )**

Preço: 31,50 EUR

Cinzas volantes para betão Parte 1: Definição, especificações e

critérios de conformidade

EN 450-1:2012 IDT

**Termo de Homologação n° 2012/0292, 2012-10-25**

C1040 / CT 104

**NP EN 934-2:2009+A1:2012 ( 5ª Edição )**

Preço: 24,50 EUR

Adjuvantes para betão, argamassa e caldas de injeção Parte 2:

Adjuvantes para betão Definições, requisitos, conformidade,

marcação e etiquetagem

EN 934-2:2009+A1:2012 IDT

**Termo de Homologação n° 2012/0290, 2012-10-25**

C1040 / CT 104

**NP EN 934-3:2009+A1:2012 ( 3ª Edição )**

Preço: 17,50 EUR

Adjuvantes para betão, argamassa e caldas de injeção Parte 3:

Adjuvantes para argamassa de alvenaria Definições, requisitos,

conformidade, marcação e etiquetagem

EN 934-3:2009+A1:2012 IDT

**Termo de Homologação n° 2012/0291, 2012-10-25**

C1500 / CT 150

**NP EN ISO 14001:2012 ( 3ª Edição )**

Preço: 14,00 EUR

Sistemas de gestão ambiental Requisitos e linhas de orientação para

a sua utilização

(ISO 14001:2004)

EN ISO 14001:2004 IDT;EN ISO 14001:2004 /AC :2009 IDT

**Termo de Homologação n° 2012/0294, 2012-10-25**

C1610 / CT 161

**NP EN 1555-5:2012 ( 2ª Edição )**

Preço: 17,50 EUR

Sistemas de tubagens de plástico para abastecimento de

combustíveis gasosos Polietileno (PE) Parte 5: Aptidão ao uso do

sistema

EN 1555-5:2010 IDT

**Termo de Homologação n° 2012/0249, 2012-09-20**

C1750 / CT 175

**NP ISO 21500:2012 ( 1ª Edição )**

Preço: 37,50 EUR

Linhas de orientação sobre a gestão de projetos

ISO 21500:2012 IDT

**Termo de Homologação n° 2012/0293, 2012-10-25**

C1760 / CT 176

**NP EN 771-1:2012 ( 2ª Edição )**

Preço: 42,50 EUR

Especificações para unidades de alvenaria Parte 1: Unidades

cerâmicas (tijolos cerâmicos)

EN 771-1:2011 IDT

**Termo de Homologação n° 2012/0201, 2012-07-27**

C1760 / CT 176

**NP EN 771-2:2012 ( 2ª Edição )**

Preço: 37,50 EUR

Especificações para unidades de alvenaria Parte 2: Unidades

silico-calcárias (blocos silico-calcários)

EN 771-2:2011 IDT

**Termo de Homologação n° 2012/0202, 2012-07-27**

C1760 / CT 176

**NP EN 771-3:2012 ( 2ª Edição )**

Preço: 37,50 EUR

Especificações para unidades de alvenaria Parte 3: Unidades de

pedra reconstituída (blocos de betão de agregados correntes e leves)

EN 771-3:2011 IDT

**Termo de Homologação n° 2012/0203, 2012-07-27**

C1760 / CT 176

**NP EN 771-4:2012 ( 2ª Edição )**

Preço: 31,50 EUR

Especificações para unidades de alvenaria Parte 4: Unidades de

betão celular autoclavado (blocos de betão celular autoclavado)

EN 771-4:2011 IDT

**Termo de Homologação n° 2012/0204, 2012-07-27**

C1760 / CT 176

**NP EN 771-5:2012 ( 2ª Edição )**

Preço: 31,50 EUR

Especificações para unidades de alvenaria Parte 5: Unidades de

pedra reconstituída

EN 771-5:2011 IDT

**Termo de Homologação n° 2012/0205, 2012-07-27**

C1760 / CT 176

**NP EN 771-6:2012 ( 2ª Edição )** Preço: 28,00 EUR

Especificações para unidades de alvenaria Parte 6: Unidades de pedra natural

EN 771-6:2011 IDT

**Termo de Homologação n°** 2012/0206, 2012-07-27

C1780 / CT 178

**NP 1037-3-1:2012 ( 1ª Edição )** Preço: 24,50 EUR

Ventilação dos edifícios com aparelhos a gás Parte 3-1: Edifícios de habitação Instalação dos aparelhos a gás: volume dos locais; posicionamento dos aparelhos e suas ligações aos vários sistemas de alimentação; ligações ao sistema de ventilação

**Termo de Homologação n°** 2012/0215, 2012-08-09

E100 / CT 1

**NP 2626-351:2012 ( 4ª Edição )** Preço: 42,50 EUR

Vocabulário Eletrotécnico Internacional Capítulo 351: Tecnologia de controlo

IEC 60050-351:2006 IDT

**Termo de Homologação n°** 2012/0289, 2012-10-24

E3400 / CT 34

**NP EN 60155:2000 / A 2:2012 ( 1ª Edição )** Preço: 7,00 EUR

Arranquadores de clarão para lâmpadas fluorescentes (IEC 60155:1993/A2:2006)

EN 60155:1995 / A 2:2007 IDT

**Termo de Homologação n°** 2012/0157, 2012-06-15

E3400 / CT 34

**NP EN 60238:2007 / A 1:2012 ( 1ª Edição )** Preço: 7,00 EUR

Suportes de rosca Edison para lâmpadas (IEC 60238:2004/A1:2008)

EN 60238:2004 / A 1:2008 IDT

**Termo de Homologação n°** 2012/0158, 2012-06-15

E3400 / CT 34

**NP EN 60838-2-2:2012 ( 1ª Edição )** Preço: 10,50 EUR

Suportes diversos para lâmpadas Parte 2-2: Requisitos particulares Conectores para módulos LED

(IEC 60838-2-2:2006)

EN 60838-2-2:2006 IDT

**Termo de Homologação n°** 2012/0163, 2012-06-15

E3400 / CT 34

**NP EN 61347-2-3:2012 ( 2ª Edição )** Preço: 37,50 EUR

Aparelhagem de comando para lâmpadas Parte 2-3: Requisitos particulares para as aparelhagens eletrónicas alimentadas em corrente alternada e/ou em corrente contínua para lâmpadas fluorescentes

(IEC 61347-2-3:2011)

EN 61347-2-3:2011 IDT

**Termo de Homologação n°** 2012/0068, 2012-03-29

E3400 / CT 34

**NP EN 62386-203:2012 ( 1ª Edição )** Preço: 31,50 EUR

Interface de iluminação endereçável digital Parte 203: Requisitos particulares para as aparelhagens de comando - Lâmpadas de descarga (excluindo as lâmpadas fluorescentes) (dispositivos do tipo 2)

(IEC 62386-203:2009)

EN 62386-203:2009 IDT

**Termo de Homologação n°** 2012/0098, 2012-04-20

E3400 / CT 34

**NP EN 62386-204:2012 ( 1ª Edição )** Preço: 35,00 EUR

Interface de iluminação endereçável digital Parte 204: Requisitos particulares para as aparelhagens de comando Lâmpadas de halogéneo

de baixa tensão (dispositivos do tipo 3)

(IEC 62386-204:2009)

EN 62386-204:2009 IDT

**Termo de Homologação n°** 2012/0123, 2012-05-08

E3400 / CT 34

**NP EN 62386-208:2012 ( 1ª Edição )** Preço: 61,50 EUR

Interface de iluminação endereçável digital Parte 208: Requisitos particulares para as aparelhagens de comando Função de comutação (dispositivos do tipo 7)

(IEC 62386-208:2009)

EN 62386-208:2009 IDT

**Termo de Homologação n°** 2012/0142, 2012-05-18

E6100 / CT 61

**NP EN 62233:2012 ( 1ª Edição )** Preço: 37,50 EUR

Métodos de medição dos campos eletromagnéticos dos aparelhos eletrodomésticos e análogos em relação com a exposição humana (IEC 62233:2005, modificada)

EN 62233:2008 IDT;EN 62233:2008 /CORRIGENDUM Aug:2008

**Termo de Homologação n°** 2012/0190, 2012-07-10

M031 / CT 999031

**NP EN 50085-2-1:2012 ( 1ª Edição )** Preço: 24,50 EUR

Sistemas de calhas e sistemas de condutas para instalações elétricas Parte 2-1: Requisitos particulares para sistemas de calhas e sistemas de condutas para instalação em paredes e tetos

EN 50085-2-1:2006 IDT;EN 50085-2-1:2006 /A 1:2011 IDT

**Termo de Homologação n°** 2012/0195, 2012-07-20

M031 / CT 999031

**NP EN 50085-2-2:2012 ( 1ª Edição )** Preço: 31,50 EUR

Sistemas de calhas e sistemas de condutas para instalações elétricas Parte 2-2: Requisitos particulares para sistemas de calhas e sistemas de condutas para instalação abaixo, à face ou sobre o pavimento

EN 50085-2-2:2008 IDT

**Termo de Homologação n°** 2012/0196, 2012-07-20

M031 / CT 999031

**NP EN 50085-2-3:2012 ( 1ª Edição )** Preço: 17,50 EUR

Sistemas de calhas e sistemas de condutas para instalações elétricas Parte 2-3: Requisitos particulares para sistemas de calhas perfuradas para instalação em armários

EN 50085-2-3:2010 IDT

**Termo de Homologação n°** 2012/0197, 2012-07-20

M031 / CT 999031

**NP EN 50085-2-4:2012 ( 1ª Edição )** Preço: 28,00 EUR

Sistemas de calhas e sistemas de condutas para instalações elétricas Parte 2-4: Requisitos particulares para colunas e postes de instalação

EN 50085-2-4:2009 IDT

**Termo de Homologação n°** 2012/0198, 2012-07-20

## 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.

C40 / CT 4

**NP 2248-1:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 1: Misturas binárias de fibras - Princípios gerais de análise

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-1:2010

C40 / CT 4

**NP 2248-2:2008 ( 1ª Edição )**

Têxteis Análise química quantitativa Parte 2: Misturas ternárias de fibras

ISO 1833-2:2006 HAR

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-2:2010

C40 / CT 4

**NP 2248-3:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 3: Misturas de acetato com outras fibras (método usando acetona)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-3:2010

C40 / CT 4

**NP 2248-4:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 4: Mistura de certas fibras proteicas com diversas outras fibras (método usando hipoclorito)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-4:2010

C40 / CT 4

**NP 2248-5:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 5: Misturas de viscose, cupro ou modal com fibras de algodão (método usando ácido fórmico e cloreto de zinco)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-6:2010

C40 / CT 4

**NP 2248-6:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 6: Misturas de poliamida ou nylon com certas outras fibras (método usando ácido fórmico)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-7:2010

C40 / CT 4

**NP 2248-7:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 7: Misturas de acetato com fibras de triacetato (método usando álcool benzílico)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-9:2010

C40 / CT 4

**NP 2248-8:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 8: Misturas de triacetato com certas outras fibras (método usando diclorometano)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-10:2010

C40 / CT 4

**NP 2248-9:2007 ( 1ª Edição )**

Têxteis Análise química quantitativa Parte 9: Misturas de fibras celulósicas com fibras de poliéster (método usando ácido sulfúrico)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-11:2010

C40 / CT 4

**NP 2248-10:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 10: Misturas de acrílicas, determinadas modacrílicas, certas clorofibras, e de certas outras fibras (método usando dimetilformamida)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-12:2010

C40 / CT 4

**NP 2248-11:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 11: Misturas de certas clorofibras com diversas outras fibras (método do sulfureto de carbono/acetona)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-13:2010

C40 / CT 4

**NP 2248-12:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 12: Misturas de acetato com certas clorofibras (método usando ácido acético glacial)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-14:2010

C40 / CT 4

**NP 2248-13:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 13: Misturas de seda com lã ou pêlo animal (método usando ácido sulfúrico)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-18:2010

C40 / CT 4

**NP 2248-14:2007 ( 1ª Edição )**

Têxteis Análise química quantitativa Parte 14: Misturas de juta com certas fibras animais (método por determinação do teor de azoto)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-15:2010

C40 / CT 4

**NP 2248-15:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 15: Misturas de fibras de polipropileno com certas outras fibras (método usando xileno)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-16:2010

C40 / CT 4

**NP 2248-16:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 16: Misturas de clorofibras (homopolímeros de cloreto de vinilo) com certas outras fibras (método usando ácido sulfúrico)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-17:2010

C40 / CT 4

**NP 2248-17:2010 ( 2ª Edição )**

Têxteis Análise química quantitativa Parte 17: Misturas de clorofibras, certas modacrílicas, certos elastos, acetato, triacetato com certas outras fibras (método usando ciclohexanona)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-21:2010

C40 / CT 4

**NP 2248-18:2008 ( 1ª Edição )**

Têxteis Análise química quantitativa Parte 18: Misturas de fibras de acetato e triacetato (método usando acetona)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-8:2010

C40 / CT 4

**NP 2248-19:2008 ( 1ª Edição )**

Têxteis Análise química quantitativa Parte 19: Misturas de fibras celulósicas com amianto (método por aquecimento)

ISO 1833-19:2006 HAR

**Anulada em:** 2012-10-2

Substituída por: EN ISO 1833-19:2010

C40 / CT 4

**NP 2248-20:2008 ( 1ª Edição )**

Têxteis Análise química quantitativa Parte 20: Misturas de viscose, cupro ou modal com fibras de algodão (Método usando zinco de sódio)

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1833-5:2010

C40 / CT 4

**NP 3158:1986 ( 1ª Edição )**

Têxteis Solidez dos tintos Especificações para os tecidos testemunho normalizados: algodão e viscose

**Anulada em:** 2012-10-25

C40 / CT 4

**NP 3159:1986 ( 1ª Edição )**

Têxteis Solidez dos tintos Especificações para o tecido testemunho normalizado: poliamida

**Anulada em:** 2012-10-25

C40 / CT 4

**NP 3998:1989 ( 1ª Edição )**

Têxteis Solidez dos tintos. Especificações para o tecido testemunho normalizado: lã

**Anulada em:** 2012-10-25

C60 / CT 6

**NP EN 21974:1995 ( 1ª Edição )**

Papel Determinação da resistência ao rasgamento (Método Elmendorf)

EN 21974:1994 IDT

**Anulada em:** 2012-10-25

Substituída por: EN ISO 1974:2012

C180 / CT 18

**NP EN 593:2009 ( 2ª Edição )**

Válvulas industriais Válvulas de borboleta metálicas

EN 593:2009 IDT

**Anulada em:** 2012-10-23

Substituída por: EN 593-:2009+A1:2011

C190 / CT 19

**NP EN 757:2000 ( 1ª Edição )**

Consumíveis para soldadura Electrodo revestido para soldadura manual por arco dos aços de alta resistência Classificação

EN 757:1997 IDT

**Anulada em:** 2012-10-25

Substituída por: EN ISO 18275:2012

C360 / CT 36

**NP EN 30-1-2:2009 ( 1ª Edição )**

Aparelhos domésticos para preparação dos alimentos que utilizam combustíveis gasosos Parte 1-2: Segurança Aparelhos com forno e/ou grelhadores de convecção forçada

EN 30-1-2:1999 IDT

**Anulada em:** 2012-10-23

Substituída por: EN 30-1-2:2012

C430 / CT 43

**NP EN ISO 9227:2011 ( 1ª Edição )**

Ensaio de corrosão em atmosferas artificiais Ensaio de nevoeiro salino

(ISO 9227:2006)

EN ISO 9227:2006 IDT

**Anulada em:** 2012-10-25

Substituída por: EN ISO 9227:2012

C560 / CT 56

**NP EN 378-4:2010 ( 1ª Edição )**

Sistemas frigoríficos e bombas de calor Requisitos de segurança e proteção ambiental Parte 4: Funcionamento, manutenção, reparação e recuperação do fluido

EN 378-4:2008 IDT

**Anulada em:** 2012-10-09

Substituída por: EN 378-4:2008+A1:2012

C870 / CT 87

**NP EN 550:2001 ( 1ª Edição )**

Esterilização de dispositivos médicos Validação e controlo de rotina da esterilização por óxido de etileno

EN 550:1994 IDT

**Anulada em:** 2012-10-18

Substituída por: EN ISO 11135-1:2007

C980 / CT 98

**NP EN 1906:2011 ( 1ª Edição )**

Ferragens para a construção civil Puxadores de muleta e redondos Requisitos e métodos de ensaio

EN 1906:2010 IDT

**Anulada em:** 2012-10-23

Substituída por: EN 1906:2012

C1010 / CT 101

**NP EN 15202:2010 ( 1ª Edição )**

Equipamentos e acessórios para GPL Dimensões operacionais essenciais das ligações de saída das válvulas das garrafas de GPL e dos equipamentos associados

EN 15202:2006 IDT

**Anulada em:** 2012-10-23

Substituída por: EN 15202:2012

C1010 / CT 101

**NP EN 15609:2009 ( 1ª Edição )**

Equipamentos e acessórios para GPL Sistemas de propulsão a GPL para embarcações, iates e outros navios Requisitos de instalação

EN 15609:2008 IDT

**Anulada em:** 2012-10-23

Substituída por: EN 15609:2012

C1040 / CT 104

**NP EN 450-1:2005+A1:2008 ( 2ª Edição )**

Cinzas volantes para betão Parte 1: Definição, especificações e critérios de conformidade

EN 450-1:2005+A1:2007 IDT

**Anulada em:** 2012-10-25

Substituída por: NP EN 450-1:2012

C1290 / CT 129

**NP EN 12697-34:2004+A1:2010 ( 1ª Edição )**

Misturas betuminosas Métodos de ensaio para misturas betuminosas a quente Parte 34: Ensaio Marshall

EN 12697-34:2004+A1:2007 IDT

**Anulada em:** 2012-10-25

Substituída por: EN 12697-34:2012

C1430 / CT 143

**NP EN 13481-1:2008 ( 1ª Edição )**

Aplicações ferroviárias Via - Requisitos de desempenho para sistemas de fixação Parte 1: Definições

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

**Anulada em:** 2012-10-25

Substituída por: EN 13481-1:2012

C1430 / CT 143

**NP EN 13481-2:2009 ( 1ª Edição )**

Aplicações ferroviárias Via - Requisitos de desempenho para sistemas de fixação Parte 2: Sistemas de fixação para travessas de betão

EN 13481-2:2002 IDT;EN 13481-2:2002 /A 1:2006 IDT

**Anulada em:** 2012-10-25

Substituída por: EN 13481-2:2012

C1430 / CT 143

**NP EN 13481-5:2010 ( 1ª Edição )**

Aplicações ferroviárias Via - Requisitos de desempenho para sistemas

de fixação Parte 5: Sistemas de fixação para vias assentes sobre laje

EN 13481-5:2002 IDT;EN 13481-5:2002 /A 1:2006 IDT

**Anulada em:** 2012-10-25

Substituída por: EN 13481-5:2012

C1430 / CT 143

**NP EN 13481-7:2010 ( 1ª Edição )**

Aplicações ferroviárias Via - Requisitos de desempenho para sistemas

de fixação Parte 7: Sistemas de fixação para aparelhos de via e contra-carris

EN 13481-7:2003 IDT;EN 13481-7:2003 /A 1:2006 IDT

**Anulada em:** 2012-10-25

Substituída por: EN 13481-7:2012

C1500 / CT 150

**NP EN ISO 14001:2004 ( 2ª Edição )**

Sistemas de gestão ambiental Requisitos e linhas de orientação para a sua utilização

(ISO 14001:2004)

EN ISO 14001:2004 IDT

**Anulada em:** 2012-10-26

Substituída por: NP EN ISO 14001:2012;NP EN ISO 14001-+

C1500 / CT 150

**NP EN ISO 14001:2004 /Emenda 1:2006 ( 1ª Edição )**

Sistemas de gestão ambiental Requisitos e linhas de orientação para a sua utilização

(ISO 14001:2004)

**Anulada em:** 2012-10-26

Substituída por: NP EN ISO 14001:2012;NP EN ISO 14001-+

C1500 / CT 150

**NP EN ISO 14001-+Emenda1:2006 ( 1ª Edição )**

Sistemas de gestão ambiental Requisitos e linhas de orientação para a sua utilização

(ISO 14001:2004)

EN ISO 14001:2004 IDT;EN ISO 14001:2004 /AC :2009 IDT

**Anulada em:** 2012-10-26

Substituída por: NP EN ISO 14001:2012

C1530 / CT 153

**NP EN 1425:2010 ( 1ª Edição )**

Betumes e ligantes betuminosos Caracterização de propriedades perceptíveis

EN 1425:1999 IDT;EN 1425:1999 /A 1:2006 IDT

**Anulada em:** 2012-10-25

Substituída por: EN 1425:2012

E100 / CTE 1

**NP 2626-351:2010 ( 3ª Edição )**

Vocabulário Electrotécnico Internacional Capítulo 351: Tecnologia de controlo

IEC 60050-351:2006 IDT

**Anulada em:** 2012-10-25

Substituída por: NP 2626-351:2012

E100 / CTE 1

**NP 2626-446:1993 ( 1ª Edição )**

Vocabulário Electrotécnico Internacional Capítulo 446: Relés eléctricos

IEC 60050-446:1983 IDT

**Anulada em:** 2012-10-25

M011 / CT 999011

**NP EN 12182:2002 ( 1ª Edição )**

Ajudas técnicas para pessoas deficientes Requisitos gerais e métodos de ensaio

EN 12182:1999 IDT

**Anulada em:** 2012-10-09

Substituída por: EN 12182:2012

M077 / CT 999077

**NP EN 12451:2002 ( 1ª Edição )**

Cobre e ligas de cobre Tubos concêntricos sem soldadura para permutadores de calor

EN 12451:1999 IDT

**Anulada em:** 2012-10-23

Substituída por: EN 12451:2012

M077 / CT 999077

**NP EN 12452:2002 ( 1ª Edição )**

Cobre e ligas de cobre Tubos sem soldadura com alhetas para permutadores de calor

EN 12452:1999 IDT

**Anulada em:** 2012-10-23

Substituída por: EN 12452:2012



## 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 408-:2010+A1:2012 ( 1ª Edição )

Timber structures Structural timber and glued laminated timber  
Determination of some physical and mechanical properties  
**Termo de Adoção n°2012/1155, 2012-10-22**

### EN 572-1:2012 ( 3ª Edição )

Glass in building Basic soda lime silicate glass products Part 1:  
Definitions and general physical and mechanical properties  
**Termo de Adoção n°2012/1156, 2012-10-22**

### EN 572-2:2012 ( 3ª Edição )

Glass in building Basic soda lime silicate glass products Part 2:  
Float glass  
**Termo de Adoção n°2012/1157, 2012-10-22**

### EN 572-3:2012 ( 3ª Edição )

Glass in building Basic soda lime silicate glass products Part 3:  
Polished wired glass  
**Termo de Adoção n°2012/1158, 2012-10-22**

### EN 572-4:2012 ( 3ª Edição )

Glass in building Basic soda lime silicate glass products Part 4:  
Drawn sheet glass  
**Termo de Adoção n°2012/1159, 2012-10-22**

### EN 572-5:2012 ( 3ª Edição )

Glass in building Basic soda lime silicate glass products Part 5:  
Patterned glass  
**Termo de Adoção n°2012/1160, 2012-10-22**

### EN 572-6:2012 ( 3ª Edição )

Glass in building Basic soda lime silicate glass products Part 6:  
Wired patterned glass  
**Termo de Adoção n°2012/1161, 2012-10-22**

### EN 572-7:2012 ( 3ª Edição )

Glass in building Basic soda lime silicate glass products Part 7:  
Wired or unwired channel shaped glass  
**Termo de Adoção n°2012/1162, 2012-10-22**

### EN 572-8:2012 ( 2ª Edição )

Glass in building Basic soda lime silicate glass products Part 8:  
Supplied and final cut sizes  
**Termo de Adoção n°2012/1163, 2012-10-22**

### EN 795:2012 ( 2ª Edição )

Personal fall protection equipment Anchor devices  
**Termo de Adoção n°2012/1164, 2012-10-22**

### EN 890:2012 ( 3ª Edição )

Chemicals used for treatment of water intended for human  
consumption Iron (III) sulfate solution  
**Termo de Adoção n°2012/1165, 2012-10-22**

### EN 927-3:2012 ( 3ª Edição )

Paints and varnishes Coating materials and coating systems for  
exterior wood Part 3: Natural weathering test  
**Termo de Adoção n°2012/1166, 2012-10-22**

### EN 934-3:2009+A1:2012 ( 1ª Edição )

Admixtures for concrete, mortar and grout Part 3: Admixtures for  
masonry mortar Definitions, requirements, conformity, marking and  
labelling  
**Termo de Adoção n°2012/1167, 2012-10-22**

### EN 1363-1:2012 ( 2ª Edição )

Fire resistance tests Part 1: General Requirements  
**Termo de Adoção n°2012/1168, 2012-10-22**

### EN 1645-1:2012 ( 3ª Edição )

Leisure accommodation vehicles Caravans Part 1: Habitation  
requirements relating to health and safety  
**Termo de Adoção n°2012/1169, 2012-10-22**

### EN 1646-1:2012 ( 3ª Edição )

Leisure accommodation vehicles Motor caravans Part 1: Habitation  
requirements relating to health and safety  
**Termo de Adoção n°2012/1170, 2012-10-22**

### EN 1647:2012 ( 3ª Edição )

Leisure accommodation vehicles  
Caravan holiday homes Habitation requirements relating to health  
and safety  
**Termo de Adoção n°2012/1171, 2012-10-22**

### EN 1648-1:2012 ( 3ª Edição )

Leisure accommodation vehicles 12 V direct current extra low  
voltage  
electrical installations Part 1: Caravans  
**Termo de Adoção n°2012/1172, 2012-10-22**

### EN 1648-2:2012 ( 3ª Edição )

Leisure accommodation vehicles 12 V direct current extra low  
voltage  
electrical installations Part 2: Motor caravans  
**Termo de Adoção n°2012/1173, 2012-10-22**

### EN 1728:2012 ( 2ª Edição )

Furniture Seating Test methods for the determination of strength and  
durability  
**Termo de Adoção n°2012/1174, 2012-10-22**

### EN 2591-307:2012 ( 2ª Edição )

Aerospace series Elements of electrical and optical connection -  
Test methods Part 307: Salt mist  
**Termo de Adoção n°2012/1175, 2012-10-22**

### EN 2591-402:2012 ( 2ª Edição )

Aerospace series Elements of electrical and optical connection -  
Test methods Part 402: Shock  
**Termo de Adoção n°2012/1176, 2012-10-22**

### EN 3456:2012 ( 2ª Edição )

Aerospace series Titanium alloy TI-P64001 (Ti-6Al-4V) - Annealed  
Sheet and strip, hot rolled - a <= 6 mm  
**Termo de Adoção n°2012/1177, 2012-10-22**

**EN 3745-405:2012 ( 1ª Edição )**

Aerospace series Fibres and cables, optical, aircraft use - Test methods Part 405: Low/High temperature bend test  
**Termo de Adopção n°2012/1178, 2012-10-22**

**EN 3745-515:2012 ( 1ª Edição )**

Aerospace series Fibres and cables, optical, aircraft use - Test methods Part 515: Buffer insertion force  
**Termo de Adopção n°2012/1179, 2012-10-22**

**EN 3745-516:2012 ( 1ª Edição )**

Aerospace series Fibres and cables, optical, aircraft use - Test methods Part 516: Severe cable bend test  
**Termo de Adopção n°2012/1180, 2012-10-22**

**EN 3745-517:2012 ( 1ª Edição )**

Aerospace series Fibres and cables, optical, aircraft use - Test methods Part 517: Cable tie clamping test  
**Termo de Adopção n°2012/1181, 2012-10-22**

**EN 12405-2:2012 ( 1ª Edição )**

Gas meters Conversion devices Part 2: Energy conversion  
**Termo de Adopção n°2012/1182, 2012-10-22**

**EN 13103-:2009+A2:2012 ( 1ª Edição )**

Railway applications Wheelsets and bogies Non powered axles - Design method  
**Termo de Adopção n°2012/1183, 2012-10-22**

**EN 13583:2012 ( 2ª Edição )**

Flexible sheets for waterproofing Bitumen, plastic and rubber sheets for roof waterproofing Determination of hail resistance  
**Termo de Adopção n°2012/1184, 2012-10-22**

**EN 15502-1:2012 ( 1ª Edição )**

Gas-fired heating boilers Part 1: General requirements and tests  
**Termo de Adopção n°2012/1185, 2012-10-22**

**EN 16028:2012 ( 1ª Edição )**

Railway applications Wheel/rail friction management Lubricants for trainborne and trackside applications  
**Termo de Adopção n°2012/1186, 2012-10-22**

**EN 16037:2012 ( 1ª Edição )**

Chemicals used for treatment of water intended for human consumption Sodium hydrogen sulfate  
**Termo de Adopção n°2012/1187, 2012-10-22**

**EN 16038:2012 ( 1ª Edição )**

Chemicals used for treatment of water for swimming pools Sodium hydrogen sulfate  
**Termo de Adopção n°2012/1188, 2012-10-22**

**EN 16056:2012 ( 1ª Edição )**

Influence of metallic materials on water intended for human consumption Method to evaluate the passive behaviour of stainless steels  
**Termo de Adopção n°2012/1189, 2012-10-22**

**EN 16122:2012 ( 1ª Edição )**

Domestic and non-domestic storage furniture Test methods for the determination of strength, durability and stability  
**Termo de Adopção n°2012/1190, 2012-10-22**

**EN 16161:2012 ( 1ª Edição )**

Water quality Guidance on the use of in vivo absorption techniques for the estimation of chlorophyll-a concentration in marine and fresh water samples  
**Termo de Adopção n°2012/1191, 2012-10-22**

**EN 16247-1:2012 ( 1ª Edição )**

Energy audits Part 1: General requirements  
**Termo de Adopção n°2012/1231, 2012-10-22**

**EN 16277:2012 ( 1ª Edição )**

Animal feeding stuffs Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after microwave pressure digestion (extraction with 65 % nitric acid and 30 % hydrogen peroxide)  
**Termo de Adopção n°2012/1192, 2012-10-22**

**EN 16278:2012 ( 1ª Edição )**

Animal feeding stuffs Determination of inorganic arsenic by hydride generation atomic absorption spectrometry (HG-AAS) after microwave extraction and separation by solid phase extraction (SPE)  
**Termo de Adopção n°2012/1193, 2012-10-22**

**EN 16279:2012 ( 1ª Edição )**

Animal feeding stuffs Determination of fluoride content after hydrochloric acid treatment by ion-sensitive electrode method (ISE)  
**Termo de Adopção n°2012/1194, 2012-10-22**

**EN 16345:2012 ( 1ª Edição )**

Bitumen and bituminous binders Determination of efflux time of bituminous emulsions using the Redwood No. II Viscometer  
**Termo de Adopção n°2012/1195, 2012-10-22**

**EN 50288-8:2012 ( 1ª Edição )**

Multi-element metallic cables used in analogue and digital communication and control Part 8: Specification for type 1 cables characterised up to 2 MHz  
**Termo de Adopção n°2012/1234, 2012-10-22**

**EN 50441-1:2012 ( 2ª Edição )**

Cables for indoor residential telecommunication installations Part 1: Unscreened cables - Grade 1  
**Termo de Adopção n°2012/1235, 2012-10-22**

**EN 50441-2:2012 ( 2ª Edição )**

Cables for indoor residential telecommunication installations Part 2: Screened cables - Grade 1  
**Termo de Adopção n°2012/1236, 2012-10-22**

**EN 50441-4:2012 ( 1ª Edição )**

Cables for indoor residential telecommunication installations Part 4: Cables up to 1 200MHz - Grade 3  
**Termo de Adopção n°2012/1237, 2012-10-22**

**EN 50553:2012 ( 1ª Edição )**

Railway applications - Requirements for running capability in case of fire on board of rolling stock  
**Termo de Adopção n°2012/1238, 2012-10-22**

**EN 50580:2012 ( 1ª Edição )**

Safety of hand-held electric motor operated tools - Particular requirements for spray guns  
**Termo de Adopção n°2012/1239, 2012-10-22**

**EN 60309-2:1999 /A 2:2012 ( 1ª Edição )**

Plugs, socket-outlets and couplers for industrial purposes Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories (IEC 60309-2:1999/A2:2012)  
**Termo de Adopção n°2012/1240, 2012-10-22**

**EN 60309-4:2007 /A 1:2012 ( 1ª Edição )**

Plugs, socket-outlets and couplers for industrial purposes Part 4: Switched socket-outlets and connectors with or without interlock (IEC 60309-4:2006/A1:2012)  
**Termo de Adopção n°2012/1241, 2012-10-22**

**EN 60335-2-14:2006 /A 11:2012 ( 4ª Edição )**

Household and similar electrical appliances - Safety Part 2-14:  
Particular requirements for kitchen machines  
**Termo de Adopção n°2012/1242, 2012-10-22**

**EN 60335-2-15:2002 /A 11:2012 ( 3ª Edição )**

Household and similar electrical appliances - Safety Part 2-15:  
Particular requirements for appliances for heating liquids  
**Termo de Adopção n°2012/1243, 2012-10-22**

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

Incandescent lamps - Safety specifications Part 2: Tungsten  
halogen lamps for domestic and similar general lighting purposes  
(IEC 60432-2:1999/A2:2012)  
**Termo de Adopção n°2012/1244, 2012-10-22**

**EN 60662:2012 ( 3ª Edição )**

High-pressure sodium vapour lamps - Performance specifications  
(IEC 60662:2011, modif)  
**Termo de Adopção n°2012/1245, 2012-10-22**

**EN 60811-100:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 100: General  
(IEC 60811-100:2012)  
**Termo de Adopção n°2012/1246, 2012-10-22**

**EN 60811-201:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 201: General tests - Measurement of insulation  
thickness  
(IEC 60811-201:2012)  
**Termo de Adopção n°2012/1247, 2012-10-22**

**EN 60811-202:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 202: General tests - Measurement of thickness of  
non-metallic sheaths  
(IEC 60811-201:2012)  
**Termo de Adopção n°2012/1248, 2012-10-22**

**EN 60811-203:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 203: General tests - Measurement of overall  
dimensions  
(IEC 60811-203:2012)  
**Termo de Adopção n°2012/1249, 2012-10-22**

**EN 60811-301:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 301: Electrical tests - Measurement of the  
permittivity at 23 °C of filling compounds  
(IEC 60811-301:2012)  
**Termo de Adopção n°2012/1250, 2012-10-22**

**EN 60811-302:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 302: Electrical tests - Measurement of the d.c.  
resistivity at 23 °C and 100 °C of filling compounds  
(IEC 60811-302:2012)  
**Termo de Adopção n°2012/1251, 2012-10-22**

**EN 60811-401:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 401: Miscellaneous tests - Thermal ageing methods.  
Ageing in an air oven  
(IEC 60811-401:2012)  
**Termo de Adopção n°2012/1252, 2012-10-22**

**EN 60811-402:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic

materials Part 402: Miscellaneous tests - Water absorption tests  
(IEC 60811-402:2012)

**Termo de Adopção n°2012/1253, 2012-10-22**

**EN 60811-403:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 403: Miscellaneous tests - Ozone resistance test on  
crosslinked compounds  
(IEC 60811-403:2012)

**Termo de Adopção n°2012/1254, 2012-10-22**

**EN 60811-404:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 404: Miscellaneous tests - Mineral oil immersion  
tests for sheaths made with crosslinked compounds  
(IEC 60811-404:2012)

**Termo de Adopção n°2012/1255, 2012-10-22**

**EN 60811-405:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 405: Miscellaneous tests - Thermal stability test for  
PVC insulations and PVC sheaths  
(IEC 60811-405:2012)

**Termo de Adopção n°2012/1256, 2012-10-22**

**EN 60811-406:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 406: Miscellaneous tests - Resistance to  
environmental stress cracking of polyethylene and polypropylene  
compounds  
(IEC 60811-406:2012)

**Termo de Adopção n°2012/1257, 2012-10-22**

**EN 60811-407:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 407: Miscellaneous tests - Measurement of mass  
increase of polyethylene and polypropylene compounds  
(IEC 60811-407:2012)

**Termo de Adopção n°2012/1258, 2012-10-22**

**EN 60811-408:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 408: Miscellaneous tests - Long-term stability test  
of polyethylene and polypropylene compounds  
(IEC 60811-408:2012)

**Termo de Adopção n°2012/1259, 2012-10-22**

**EN 60811-409:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 409: Miscellaneous tests - Loss of mass test for  
thermoplastic insulations and sheaths  
(IEC 60811-409:2012)

**Termo de Adopção n°2012/1260, 2012-10-22**

**EN 60811-410:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 410: Miscellaneous tests - Test method for  
copper-catalysed oxidative degradation of polyolefin insulated  
conductors  
(IEC 60811-410:2012)

**Termo de Adopção n°2012/1261, 2012-10-22**

**EN 60811-411:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 411: Miscellaneous tests - Low temperature  
brittleness of filling compounds  
(IEC 60811-411:2012)

**Termo de Adopção n°2012/1262, 2012-10-22**

**EN 60811-412:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic  
materials Part 412: Miscellaneous tests - Thermal ageing methods.  
Ageing in an air bomb

(IEC 60811-412:2012)

**Termo de Adopção n°2012/1263, 2012-10-22**

**EN 60811-501:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds (IEC 60811-501:2012)

**Termo de Adopção n°2012/1264, 2012-10-22**

**EN 60811-502:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 502: Mechanical tests - Shrinkage test for insulations (IEC 60811-502:2012)

**Termo de Adopção n°2012/1265, 2012-10-22**

**EN 60811-503:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 503: Mechanical tests - Shrinkage test for sheaths (IEC 60811-503:2012)

**Termo de Adopção n°2012/1266, 2012-10-22**

**EN 60811-504:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 504: Mechanical tests - Bending tests at low temperature for insulation and sheaths (IEC 60811-504:2012)

**Termo de Adopção n°2012/1267, 2012-10-22**

**EN 60811-505:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 505: Mechanical tests - Elongation at low temperature for insulations and sheaths (IEC 60811-505:2012)

**Termo de Adopção n°2012/1268, 2012-10-22**

**EN 60811-506:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 506: Mechanical tests - Impact test at low temperature for insulations and sheaths (IEC 60811-506:2012)

**Termo de Adopção n°2012/1269, 2012-10-22**

**EN 60811-507:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 507: Mechanical tests - Hot set test for crosslinked materials (IEC 60811-507:2012)

**Termo de Adopção n°2012/1270, 2012-10-22**

**EN 60811-508:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 508: Mechanical tests - Pressure test at high temperature for insulation and sheaths (IEC 60811-508:2012)

**Termo de Adopção n°2012/1271, 2012-10-22**

**EN 60811-509:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 509: Mechanical tests - Tests for resistance of insulations and sheaths to cracking (IEC 60811-509:2012)

**Termo de Adopção n°2012/1272, 2012-10-22**

**EN 60811-510:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 510: Mechanical tests - Methods specific to polyethylene and polypropylene compounds - Wrapping test after thermal ageing in air (IEC 60811-510:2012)

**Termo de Adopção n°2012/1273, 2012-10-22**

**EN 60811-511:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 511: Mechanical tests - Measurement of the melt flow index of polyethylene and polypropylene compounds (IEC 60811-511:2012)

**Termo de Adopção n°2012/1274, 2012-10-22**

**EN 60811-512:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 512: Mechanical tests - Tensile strength and elongation at break after conditioning at elevated temperature; methods specific to polyethylene and polypropylene compounds (IEC 60811-512:2012)

**Termo de Adopção n°2012/1275, 2012-10-22**

**EN 60811-513:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 513: Mechanical tests - Methods specific to polyethylene and polypropylene compounds - Wrapping test after conditioning (IEC 60811-513:2012)

**Termo de Adopção n°2012/1276, 2012-10-22**

**EN 60811-601:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 601: Physical Tests - Measurement of the drop-point of filling compounds (IEC 60811-601:2012)

**Termo de Adopção n°2012/1277, 2012-10-22**

**EN 60811-602:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 602: Physical Tests - Separation of oil in filling compounds (IEC 60811-602:2012)

**Termo de Adopção n°2012/1278, 2012-10-22**

**EN 60811-603:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 603: Physical Tests - Measurement of total acid number of filling compounds (IEC 60811-603:2012)

**Termo de Adopção n°2012/1279, 2012-10-22**

**EN 60811-604:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 604: Physical Tests - Measurement of absence of corrosive components in filling compounds (IEC 60811-604:2012)

**Termo de Adopção n°2012/1280, 2012-10-22**

**EN 60811-605:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 605: Physical Tests - Measurement of carbon black and/or mineral filler in polyethylene compounds (IEC 60811-605:2012)

**Termo de Adopção n°2012/1281, 2012-10-22**

**EN 60811-606:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 606: Physical Tests - Methods for determining the density (IEC 60811-606:2012)

**Termo de Adopção n°2012/1282, 2012-10-22**

**EN 60811-607:2012 ( 1ª Edição )**

Electric and optical fibre cables - Test methods for non-metallic materials Part 607: Physical Tests - Test for the assessment of carbon black dispersion in Polyethylene and Polypropylene (IEC 60811-607:2012)

**Termo de Adopção n°2012/1283, 2012-10-22**

**EN 61000-4-25:2002 / A 1:2012 ( 1ª Edição )**

Electromagnetic compatibility (EMC) Part 4-25: Testing and measurement techniques - HEMP immunity test methods for equipment and systems  
(IEC 61000-4-25:2001/A1:2012)

**Termo de Adopção nº**2012/1284, 2012-10-22

**EN 61008-1:2004 / A 13:2012 ( 2ª Edição )**

Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's)  
Part 1: General rules

**Termo de Adopção nº**2012/1285, 2012-10-22

**EN 61009-1:2004 / A 14:2012 ( 2ª Edição )**

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCCO's)  
Part 1: General rules

**Termo de Adopção nº**2012/1286, 2012-10-22

**EN 61300-3-28:2012 ( 2ª Edição )**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-28: Examinations and measurements - Transient loss  
(IEC 61300-3-28:2012)

**Termo de Adopção nº**2012/1287, 2012-10-22

**EN 62047-13:2012 ( 1ª Edição )**

Semiconductor devices - Micro-electromechanical devices Part 13: Bend- and shear- type test methods of measuring adhesive strength for MEMS structures  
(IEC 62047-13:2012)

**Termo de Adopção nº**2012/1288, 2012-10-22

**EN 62047-14:2012 ( 1.0ª Edição )**

Semiconductor devices - Micro-electromechanical devices Part 14: Forming limit measuring method of metallic film materials  
(IEC 62047-14:2012)

**Termo de Adopção nº**2012/1289, 2012-10-22

**EN 62387-1:2012 ( 1ª Edição )**

Radiation protection instrumentation - Passive integrating dosimetry systems for environmental and personal monitoring Part 1: General characteristics and performance requirements  
(IEC 62387-1:2007, modif)

**Termo de Adopção nº**2012/1290, 2012-10-22

**EN 62474:2012 ( 1ª Edição )**

Material declaration for products of and for the electrotechnical industry  
(IEC 62474:2012)

**Termo de Adopção nº**2012/1291, 2012-10-22

**EN 62561-7:2012 ( 1ª Edição )**

Lightning Protection System Components (LPSC) Part 7: Requirements for earthing enhancing compounds  
(IEC 62561-7:2011, modif)

**Termo de Adopção nº**2012/1292, 2012-10-22

**EN 300175-1:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Part 1: Overview

**Termo de Adopção nº**2012/1293, 2012-10-22

**EN 300175-2:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Part 2: Physical Layer (PHL)

**Termo de Adopção nº**2012/1294, 2012-10-22

**EN 300175-3:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Part 3: Medium Access Control (MAC) layer

**Termo de Adopção nº**2012/1295, 2012-10-22

**EN 300175-4:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI)

Part 4: Data Link Control (DLC) layer

**Termo de Adopção nº**2012/1296, 2012-10-22

**EN 300175-5:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Part 5: Network (NWK) layer

**Termo de Adopção nº**2012/1297, 2012-10-22

**EN 300175-6:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Part 6: Identities and addressing

**Termo de Adopção nº**2012/1298, 2012-10-22

**EN 300175-7:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Part 7: Security features

**Termo de Adopção nº**2012/1299, 2012-10-22

**EN 300175-8:2012 ( V2.4.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Part 8: Speech and audio coding and transmission

**Termo de Adopção nº**2012/1300, 2012-10-22

**EN 300444:2012 ( V2.3.1 )**

Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP)

**Termo de Adopção nº**2012/1301, 2012-10-22

**EN 303213-1:2012 ( V1.3.1 )**

Advanced Surface Movement Guidance and Control System (A-SMGCS)

Part 1: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS

Level 1 including external interfaces

**Termo de Adopção nº**2012/1302, 2012-10-22

**EN 303213-2:2012 ( V1.2.1 )**

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

**Termo de Adopção nº**2012/1303, 2012-10-22

**EN 303214:2012 ( V1.2.1 )**

Data Link Services (DLS) System; Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004; Requirements for ground constituents and system testing

**Termo de Adopção nº**2012/1304, 2012-10-22

**EN ISO 536:2012 ( 2ª Edição )**

Paper and board Determination of grammage  
(ISO 536:2012)

**Termo de Adopção nº**2012/1196, 2012-10-22

**EN ISO 1628-1:2009 / A 1:2012 ( 1ª Edição )**

Plastics Determination of the viscosity of polymers in dilute solution using capillary viscometers Part 1: General principles - Amendment 1

(ISO 1628-1:2009/Amd 1:2012)

**Termo de Adopção nº**2012/1197, 2012-10-22

**EN ISO 2739:2012 ( 3ª Edição )**

Sintered metal bushings Determination of radial crushing strength  
(ISO 2739:2012)

**Termo de Adopção nº**2012/1198, 2012-10-22

**EN ISO 2812-3:2012 ( 2ª Edição )**

Paints and varnishes Determination of resistance to liquids Part 3: Method using an absorbent medium (ISO 2812-3:2012)

**Termo de Adopção nº**2012/1199, 2012-10-22

**EN ISO 3673-2:2012 ( 2ª Edição )**

Plastics Epoxy resins Part 2: Preparation of test specimens and determination of properties of crosslinked epoxy resins (ISO 3673-2:2012)

**Termo de Adopção nº**2012/1200, 2012-10-22

**EN ISO 4404-1:2012 ( 2ª Edição )**

Petroleum and related products Determination of the corrosion resistance of fire-resistant hydraulic fluids Part 1: Watercontaining fluids (ISO 4404-1:2012)

**Termo de Adopção nº**2012/1201, 2012-10-22

**EN ISO 5172:2006 /A 1:2012 ( 1ª Edição )**

Gas welding equipment Blowpipes for gas welding, heating and cutting - Specifications and tests Amendment 1 (ISO 5172:2006/Amd 1:2012)

**Termo de Adopção nº**2012/1202, 2012-10-22

**EN ISO 6876:2012 ( 2ª Edição )**

Dentistry Root canal sealing materials (ISO 6876:2012)

**Termo de Adopção nº**2012/1203, 2012-10-22

**EN ISO 6927:2012 ( 1ª Edição )**

Buildings and civil engineering works Sealants Vocabulary (ISO 6927:2012)

**Termo de Adopção nº**2012/1204, 2012-10-22

**EN ISO 7010:2012 ( 1ª Edição )**

Graphical symbols Safety colours and safety signs Registered safety signs (ISO 7010:2011)

**Termo de Adopção nº**2012/1205, 2012-10-22

**EN ISO 8359:2009 /A 1:2012 ( 1ª Edição )**

Oxygen concentrators for medical use Safety requirements Amendment 1 (ISO 8359:1996/Amd 1:2012)

**Termo de Adopção nº**2012/1206, 2012-10-22

**EN ISO 9117-6:2012 ( 1ª Edição )**

Paints and varnishes Drying tests Part 6: Print-free test (ISO 9117-6:2012)

**Termo de Adopção nº**2012/1207, 2012-10-22

**EN ISO 9241-410:2008 /A 1:2012 ( 1ª Edição )**

Ergonomics of human-system interaction Part 410: Design criteria for physical input devices (ISO 9241-410:2008/AMD1:2012)

**Termo de Adopção nº**2012/1208, 2012-10-22

**EN ISO 9856:2003 /A 1:2012 ( 1ª Edição )**

Conveyor belts Determination of elastic and permanent elongation and calculation of elastic modulus (ISO 9856:2003/Amd 1:2012)

**Termo de Adopção nº**2012/1209, 2012-10-22

**EN ISO 10209:2012 ( 2ª Edição )**

Technical product documentation Vocabulary Terms relating to technical drawings, product definition and related documentation (ISO 10209:2012)

**Termo de Adopção nº**2012/1210, 2012-10-22

**EN ISO 10870:2012 ( 1ª Edição )**

Water quality Guidelines for the selection of sampling methods and devices for benthic macroinvertebrates in fresh waters (ISO 10870:2012)

**Termo de Adopção nº**2012/1211, 2012-10-22

**EN ISO 10993-12:2012 ( 5ª Edição )**

Biological evaluation of medical devices Part 12: Sample preparation and reference materials (ISO 10993-12:2012)

**Termo de Adopção nº**2012/1212, 2012-10-22

**EN ISO 11833-1:2012 ( 2ª Edição )**

Plastics Unplasticized poly(vinyl chloride) sheets - Types, dimensions and characteristics Part 1: Sheets of thickness not less than 1 mm (ISO 11833-1:2012)

**Termo de Adopção nº**2012/1213, 2012-10-22

**EN ISO 11987:2012 ( 2ª Edição )**

Ophthalmic optics Contact lenses Determination of shelf-life (ISO 11987:2012)

**Termo de Adopção nº**2012/1214, 2012-10-22

**EN ISO 13017:2012 ( 1ª Edição )**

Dentistry Magnetic attachments (ISO 13017:2012)

**Termo de Adopção nº**2012/1215, 2012-10-22

**EN ISO 13076:2012 ( 1ª Edição )**

Paints and varnishes Lighting and procedure for visual assessments of coatings (ISO 13076:2012)

**Termo de Adopção nº**2012/1216, 2012-10-22

**EN ISO 13504:2012 ( 1ª Edição )**

Dentistry General requirements for instruments and related accessories used in dental implant placement and treatment (ISO 13504:2012)

**Termo de Adopção nº**2012/1217, 2012-10-22

**EN ISO 13632:2012 ( 1ª Edição )**

Binders for paints and varnishes Rosin Sampling and sample preparation for colour measurement (ISO 13632:2012)

**Termo de Adopção nº**2012/1218, 2012-10-22

**EN ISO 14403-1:2012 ( 1ª Edição )**

Water quality Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) Part 1: Method using flow injection analysis (FIA) (ISO 14403-1:2012)

**Termo de Adopção nº**2012/1219, 2012-10-22

**EN ISO 14403-2:2012 ( 1ª Edição )**

Water quality Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) Part 2: Method using continuous flow analysis (CFA) (ISO 14403-2:2012)

**Termo de Adopção nº**2012/1220, 2012-10-22

**EN ISO 14971:2012 ( 4ª Edição )**

Medical devices - Application of risk management to medical devices (ISO 14971:2007)

**Termo de Adopção nº**2012/1232, 2012-10-22

**EN ISO 15223-1:2012 ( 1ª Edição )**

Medical devices Symbols to be used with medical device labels, labelling and information to be supplied Part 1: General requirements (ISO 15223-1:2012)

**Termo de Adopção n°2012/1221, 2012-10-22**

**EN ISO 15614-13:2012 ( 2ª Edição )**

Specification and qualification of welding procedures for metallic materials Welding procedure test Part 13: Upset (resistance butt) and flash welding  
(ISO 15614-13:2012)

**Termo de Adopção n°2012/1222, 2012-10-22**

**EN ISO 16014-5:2012 ( 1ª Edição )**

Plastics Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography Part 5: Method using light-scattering detection  
(ISO 16014-5:2012)

**Termo de Adopção n°2012/1223, 2012-10-22**

**EN ISO 17769-1:2012 ( 1ª Edição )**

Liquid pumps and installation General terms, definitions, quantities, letter symbols and units Part 1: Liquid pumps  
(ISO 17769-1:2012)

**Termo de Adopção n°2012/1224, 2012-10-22**

**EN ISO 17769-2:2012 ( 1ª Edição )**

Liquid pumps and installation General terms, definitions, quantities, letter symbols and units Part 2: Pumping System  
(ISO 17769-2:2012)

**Termo de Adopção n°2012/1225, 2012-10-22**

**EN ISO 19432:2012 ( 3ª Edição )**

Building construction machinery and equipment Portable, hand-held, internal combustion engine driven cut-off machines Safety requirements  
(ISO 19432:2012)

**Termo de Adopção n°2012/1226, 2012-10-22**

**EN ISO 20643:2008 /A 1:2012 ( 1ª Edição )**

Mechanical vibration Hand-held and hand-guided machinery - Principles for evaluation of vibration emission Amendment 1: Accelerometer positions  
(ISO 20643:2005/Amd 1:2012)

**Termo de Adopção n°2012/1227, 2012-10-22**

**EN ISO 25178-3:2012 ( 1ª Edição )**

Geometrical product specifications (GPS) Surface texture: Areal Part 3: Specification operators  
(ISO 25178-3:2012)

**Termo de Adopção n°2012/1228, 2012-10-22**

**EN ISO 26082-2:2012 ( 1ª Edição )**

Leather Physical and mechanical test methods for the determination of soiling Part 2: Tumbling method  
(ISO 26082-2:2012)

**Termo de Adopção n°2012/1229, 2012-10-22**

**EN ISO 30023:2012 ( 1ª Edição )**

Textiles Qualification symbols for labelling workwear to be industrially laundered  
(ISO 30023:2010)

**Termo de Adopção n°2012/1230, 2012-10-22**

**EN ISO/IEC 17024:2012 ( 2ª Edição )**

Conformity assessment - General requirements for bodies operating certification of persons  
(ISO/IEC/FDIS 17024:2012)

**Termo de Adopção n°2012/1233, 2012-10-22**

**HD 60364-7-710:2012 ( 1ª Edição )**

Low-voltage electrical installations Part 7-710: Requirements for special installations or locations - Medical locations  
(IEC 60364-7-710:2002, modif)

**Termo de Adopção n°2012/1305, 2012-10-23**

**HD 60364-7-715:2012 ( 2ª Edição )**

Low-voltage electrical installations Part 7-715: Requirements for special installations or locations - Extra-low-voltage lighting installations  
(IEC 60364-7-715:2011, modif)

**Termo de Adopção n°2012/1306, 2012-10-23**

**HD 60364-7-722:2012 ( 1ª Edição )**

Low voltage electrical installations Part 7-722: Requirements for special installations or locations - Supply of Electric vehicle

**Termo de Adopção n°2012/1307, 2012-10-23**



## 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.

TC 10

**EN ISO 25745-1:2012 ( Ed. 1 )**

Energy performance of lifts, escalators and moving walks Part 1: Energy measurement and verification (ISO 25745-1:2012)

TC 38

**CEN/TS 15119-2:2012 ( Ed. 2 )**

Durability of wood and wood-based products Determination of emissions from preservative treated wood to the environment Part 2: Wooden commodities exposed in Use Class 4 or 5 (in contact with the ground, fresh water or sea water) - Laboratory method

TC 54

**CEN/TR 764-6:2012 ( Ed. 2 )**

Pressure equipment Part 6: Structure and content of operating instructions

TC 55

**EN ISO 12836:2012 ( Ed. 1 )**

Dentistry Digitizing devices for CAD/CAM systems for indirect dental restorations Test methods for assessing accuracy (ISO 12836:2012)

TC 55

**EN ISO 13397-2:2005 /A 1:2012 ( Ed. 1 )**

Dentistry Periodontal curettes, dental scalers and excavators Part 2: Periodontal curettes of Gr-type - Amendment 1: Colour coding (ISO 13397-2:2005/Amd 1:2012)

TC 88

**EN 13469:2012 ( Ed. 2 )**

Thermal insulating products for building equipment and industrial installations Determination of water vapour transmission properties of preformed pipe insulation

TC 88

**EN 13472:2012 ( Ed. 2 )**

Thermal insulating products for building equipment and industrial installations Determination of short term water absorption by partial immersion of preformed pipe insulation

TC 88

**EN 14706:2012 ( Ed. 2 )**

Thermal insulating products for building equipment and industrial installations Determination of maximum service temperature

TC 88

**EN 14707:2012 ( Ed. 2 )**

Thermal insulating products for building equipment and industrial installations Determination of maximum service temperature for preformed pipe insulation

TC 89

**EN ISO 12631:2012 ( Ed. 1 )**

Thermal performance of curtain walling Calculation of thermal

transmittance

(ISO 12631:2012)

TC 104

**CEN/TR 16369:2012 ( Ed. 1 )**

Use of control charts in the production of concrete

TC 114

**EN ISO 13849-2:2012 ( Ed. 3 )**

Safety of machinery Safety-related parts of control systems Part 2: Validation (ISO 13849-2:2012)

TC 121

**CEN ISO/TS 15011-6:2012 /AC :2012 ( Ed. 1 )**

Health and safety in welding and allied processes Laboratory method for sampling fume and gases Part 6: Procedure for quantitative determination of fume and gases from resistance spot welding - Technical Corrigendum 1 (ISO/TS 15011-6:2012/Cor 1:2012)

TC 121

**EN ISO 8205-3:2012 ( Ed. 2 )**

Water-cooled secondary connection cables for resistance welding Part 3: Test requirements (ISO 8205-3:2012)

TC 121

**EN ISO 9455-10:2012 ( Ed. 2 )**

Soft soldering fluxes Test methods Part 10: Flux efficacy test, solder spread method (ISO 9455-10:2012)

TC 121

**EN ISO 13588:2012 ( Ed. 1 )**

Non-destructive testing of welds - Ultrasonic testing Use of automated phased array technology (ISO 13588:2012)

TC 122

**EN ISO 15535:2012 ( Ed. 3 )**

General requirements for establishing anthropometric databases (ISO 15535:2012)

TC 127

**EN 1365-1:2012 ( Ed. 2 )**

Fire resistance tests for loadbearing elements Part 1: Walls

TC 127

**EN 15269-2:2012 ( Ed. 1 )**

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware Part 2: Fire resistance of hinged and pivoted steel doorsets

- TC 128  
**EN 492:2012 ( Ed. 3 )**  
Fibre-cement slates and fittings Product specification and test methods
- TC 133  
**EN 1254-6:2012 ( Ed. 1 )**  
Copper and copper alloys Plumbing fittings Part 6: Fittings with push-fit ends
- TC 133  
**EN 1254-8:2012 ( Ed. 1 )**  
Copper and copper alloys Plumbing fittings Part 8: Fittings with press ends for use with plastics and multilayer pipes
- TC 133  
**EN 1976:2012 ( Ed. 2 )**  
Copper and copper alloys Cast unwrought copper products
- TC 137  
**CEN/TR 16013-3:2012 ( Ed. 1 )**  
Workplace exposure Guide for the use of direct-reading instruments for aerosol monitoring Part 3: Evaluation of airborne particle concentrations using photometers
- TC 138  
**EN ISO 2400:2012 ( Ed. 1 )**  
Non-destructive testing Ultrasonic testing Specification for calibration block No. 1  
(ISO 2400:2012)
- TC 139  
**EN ISO 15184:2012 ( Ed. 1 )**  
Paints and varnishes Determination of film hardness by pencil test  
(ISO 15184:2012)
- TC 142  
**EN 848-1:2007+A2:2012 ( Ed. 1 )**  
Safety of woodworking machines One side moulding machines with rotating tools Part 1: Single spindle vertical moulding machines
- TC 142  
**EN 848-2:2007+A2:2012 ( Ed. 1 )**  
Safety of woodworking machines One side moulding machines with rotating tool Part 2: Single spindle hand fed/integrated fed routing machines
- TC 142  
**EN 1870-7:2012 ( Ed. 2 )**  
Safety of woodworking machines Circular sawing machines Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading
- TC 142  
**EN 1870-15:2012 ( Ed. 2 )**  
Safety of woodworking machines Circular sawing machines Part 15: Multi-blade cross-cut sawing machines with integrated feed of the workpiece and manual loading and/or unloading
- TC 142  
**EN 1870-16:2012 ( Ed. 2 )**  
Safety of woodworking machines Circular sawing machines Part 16: Double mitre sawing machines for V cutting
- TC 142  
**EN 1870-17:2012 ( Ed. 2 )**  
Safety of woodworking machines Circular sawing machines Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws)
- TC 155  
**CEN ISO/TR 27165:2012 ( Ed. 1 )**  
Thermoplastics piping systems Guidance for definitions of wall constructions for pipes  
(ISO/TR 27165:2012)
- TC 155  
**EN ISO 9080:2012 ( Ed. 2 )**  
Plastics piping and ducting systems Determination of the longterm hydrostatic strength of thermoplastics materials in pipe form by extrapolation  
(ISO 9080:2012)
- TC 156  
**EN 12599:2012 ( Ed. 2 )**  
Ventilation for buildings Test procedures and measurement methods to hand over air conditioning and ventilation systems
- TC 161  
**EN ISO 13287:2012 ( Ed. 2 )**  
Personal protective equipment Footwear Test method for slip resistance  
(ISO 13287:2012)
- TC 163  
**EN 232:2012 ( Ed. 3 )**  
Baths Connecting dimensions
- TC 163  
**EN 251:2012 ( Ed. 3 )**  
Shower trays Connecting dimensions
- TC 165  
**EN 13508-1:2012 ( Ed. 2 )**  
Investigation and assessment of drain and sewer systems outside buildings Part 1: General Requirements
- TC 170  
**EN ISO 9394:2012 ( Ed. 2 )**  
Ophthalmic optics Contact lenses and contact lens care products Determination of biocompatibility by ocular study with rabbit eyes  
(ISO 9394:2012)
- TC 170  
**EN ISO 11979-1:2012 ( Ed. 3 )**  
Ophthalmic implants Intraocular lenses Part 1: Vocabulary  
(ISO 11979-1:2012)
- TC 170  
**EN ISO 11979-4:2008 /A 1:2012 ( Ed. 1 )**  
Ophthalmic implants Intraocular lenses Part 4: Labelling and information - Amendment 1  
(ISO 11979-4:2008/Amd 1:2012)
- TC 172  
**EN ISO 5270:2012 ( Ed. 2 )**  
Pulps Laboratory sheets Determination of physical properties  
(ISO 5270:2012)
- TC 175  
**EN 1316-1:2012 ( Ed. 2 )**  
Hardwood round timber Qualitative classification Part 1: Oak and beech
- TC 175  
**EN 1316-2:2012 ( Ed. 2 )**  
Hardwood round timber Qualitative classification Part 2: Poplar
- TC 188  
**EN ISO 1120:2012 ( Ed. 2 )**  
Conveyor belts Determination of strength of mechanical fastenings Static test method  
(ISO 1120:2012)
- TC 190  
**EN 1369:2012 ( Ed. 2 )**  
Founding Magnetic particle testing

- TC 197  
**EN 16297-1:2012 (Ed. 1)**  
Pumps - Rotodynamic pumps Glandless circulators Part 1: General requirements and procedures for testing and calculation of energy efficiency index (EEI)
- TC 197  
**EN 16297-2:2012 (Ed. 1)**  
Pumps Rotodynamic pumps - Glandless circulators Part 2: Calculation of energy efficiency index (EEI) for standalone circulators
- TC 197  
**EN 16297-3:2012 (Ed. 1)**  
Pumps Rotodynamic pumps - Glandless circulators Part 3: Energy efficiency index (EEI) for circulators integrated in products
- TC 205  
**EN ISO 11608-3:2012 (Ed. 2)**  
Needle-based injection systems for medical use Requirements and test methods Part 3: Finished containers (ISO 11608-3:2012)
- TC 205  
**EN ISO 11608-5:2012**  
Needle-based injection systems for medical use Requirements and test methods Part 5: Automated functions (ISO 11608-5:2012)
- TC 205  
**EN ISO 80601-2-56:2012 (Ed. 1)**  
Medical electrical equipment Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement (ISO 80601-2-56:2009)
- TC 207  
**EN 1730:2012 (Ed. 2)**  
Furniture Tables Test methods for the determination of stability, strength and durability
- TC 207  
**EN 1957:2012 (Ed. 2)**  
Furniture Beds and mattresses Test methods for the determination of functional characteristics and assessment criteria
- TC 215  
**EN ISO 5361:2012 (Ed. 1)**  
Anaesthetic and respiratory equipment Tracheal tubes and connectors (ISO 5361:2012)
- TC 219  
**EN 16222:2012 (Ed. 1)**  
Cathodic protection of ship hulls
- TC 230  
**EN 16101:2012 (Ed. 1)**  
Water quality Guidance standard on interlaboratory comparison studies for ecological assessment
- TC 230  
**EN ISO 5814:2012 (Ed. 1)**  
Water quality Determination of dissolved oxygen Electrochemical probe method (ISO 5814:2012)
- TC 230  
**EN ISO 6341:2012 (Ed. 2)**  
Water quality Determination of the inhibition of the mobility of *Daphnia magna* Straus (Cladocera, Crustacea) Acute toxicity test (ISO 6341:2012)
- TC 231  
**CEN/TR 16391:2012 (Ed. 1)**  
Mechanical vibration and shock Hand-transmitted vibration Influence of coupling forces at the hand-machine interface on exposure evaluation
- TC 231  
**EN ISO 28927-12:2012 (Ed. 1)**  
Hand-held portable power tools Test methods for evaluation of vibration emission Part 12: Die grinders (ISO 28927-12:2012)
- TC 234  
**CEN/TR 16395:2012 (Ed. 1)**  
Gas Infrastructure CEN/TC 234 Pressure Definitions Guideline Document
- TC 247  
**EN 13321-1:2012 (Ed. 2)**  
Open data communication in building automation, controls and building management Home and building electronic system Part 1: Product and system requirements
- TC 248  
**EN 31092:1993 /A 1:2012 (Ed. 1)**  
Textiles Physiological effects - Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test) Amendment 1 (ISO 11092:1993/Amd 1:2012)
- TC 248  
**EN ISO 105-A11:2012 (Ed. 1)**  
Textiles Tests for colour fastness Part A11: Determination of colour fastness grades by digital imaging techniques (ISO 105-A11:2012)
- TC 251  
**EN ISO 13606-1:2012 (Ed. 1)**  
Health informatics Electronic health record communication Part 1: Reference model (ISO 13606-1:2008)
- TC 252  
**CEN/TR 16411:2012 (Ed. 1)**  
Child use and care articles 2012 compiled interpretations of CEN/TC 252 standards
- TC 261  
**EN ISO 13127:2012 (Ed. 1)**  
Packaging Child resistant packaging Mechanical test methods for reclosable child resistant packaging systems (ISO 13127:2012)
- TC 278  
**CEN ISO/TS 17444-1:2012 (Ed. 1)**  
Electronic fee collection Charging performance Part 1: Metrics (ISO/TS 17444-1:2012)
- TC 289  
**EN 13336:2012 (Ed. 2)**  
Leather Upholstery leather characteristics Guide for selection of leather for furniture
- TC 289  
**EN ISO 20433:2012 (Ed. 1)**  
Leather Tests for colour fastness Colour fastness to crocking (ISO 20433:2012)
- TC 290  
**EN ISO 5436-2:2012 (Ed. 2)**  
Geometrical product specifications (GPS) Surface texture: Profile method; Measurement standards Part 2: Software measurement standards (ISO 5436-2:2012)

TC 290

**EN ISO 17450-2:2012 ( Ed. 1 )**

Geometrical product specifications (GPS) General concepts Part 2: Basic tenets, specifications, operators, uncertainties and ambiguities (ISO 17450-2:2012)

TC 296

**EN 14116:2012 ( Ed. 3 )**

Tanks for transport of dangerous goods Digital interface for product recognition devices for liquid fuels

TC 296

**EN 16257:2012 ( Ed. 1 )**

Tanks for the transport of dangerous goods Service equipment Footvalve sizes other than 100 mm dia (nom)

TC 309

**CEN/TR 16417:2012 ( Ed. 1 )**

Footwear Footwear industry guideline for substances of very

TC 309

**EN ISO 16177:2012 ( Ed. 1 )**

Footwear Resistance to crack initiation and growth Belt flex method

(ISO 16177:2012)

TC 332

**EN ISO 6556:2012 ( Ed. 1 )**

Laboratory glassware Filter flasks (ISO 6556:2012)

TC 336

**CEN/TS 16346:2012 ( Ed. 1 )**

Bituminous binders Determination of breaking behaviour and immediate adhesivity of cationic bituminous emulsions with 2/4 mm aggregate

TC 341

**EN ISO 22476-1:2012 ( Ed. 1 )**

Geotechnical investigation and testing Field testing Part 1: Electrical cone and piezocone penetration test (ISO 22476-1:2012)

TC 342

**EN ISO 10380:2012 ( Ed. 2 )**

Pipework Corrugated metal hoses and hose assemblies (ISO 10380:2012)

TC 348

**EN 15221-7:2012 ( Ed. 1 )**

Facility Management Part 7: Guidelines for Performance Benchmarking

TC 351

**CEN/TR 16410:2012 ( Ed. 1 )**

Construction products Assessment of release of dangerous substances Barriers to use - Extension to CEN/TR 15855 Barriers to trade

TC 367

**EN 16280:2012 ( Ed. 1 )**

Breath alcohol test devices for general public Requirements and test methods

TC CST01

**EN ISO 13297:2012 ( Ed. 2 )**

Small craft Electrical systems Alternating current installations (ISO 13297:2012)

TC CSS27

**CEN/TR 15522-2:2012 ( Ed. 2 )**

Oil spill identification Waterborne petroleum and petroleum products Part 2: Analytical methodology and interpretation of

results based on GC-FID and GC-MS low resolution analyses

TC ECISS/102

**EN 10071:2012 ( Ed. 2 )**

Chemical analysis of ferrous materials Determination of manganese in steels and irons Electrometric titration method

TC ECISS/102

**EN 10200:2012 ( Ed. 2 )**

Chemical analysis of ferrous materials Determination of boron in steels Spectrophotometric method

TC AECMA

**EN 2267-002:2012 ( Ed. 2 )**

Aerospace series Cables, electrical, for general purpose - Operating temperatures between - 55 °C and 260 °C Part 002: General

TC AECMA

**EN 2591-214:2012 ( Ed. 2 )**

Aerospace series Elements of electrical and optical connection - Test methods Part 214: Lightning strike, current and voltage pulse

TC AECMA

**EN 2714-002:2012 ( Ed. 2 )**

Aerospace series Cables, electrical, single and multicore for general purpose - Operating temperatures between - 55 °C and 260 °C Part 002: Screened and jacketed - General

TC AECMA

**EN 3351:2012 ( Ed. 1 )**

Aerospace series Titanium alloy Ti-4Al-4Mo-2Sn - Solution treated and aged Forgings - De <= 150 mm

TC AECMA

**EN 3682-003:2012 ( Ed. 2 )**

Aerospace series Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous Part 003: Inserts - Product standard

TC AECMA

**EN 3682-004:2012 ( Ed. 2 )**

Aerospace series Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous Part 004: Size 2 receptacle - Product standard

TC AECMA

**EN 4050-1:2012 ( Ed. 1 )**

Aerospace series Test method for metallic materials - Ultrasonic inspection of bars, plates, forging stock and forgings Part 1: General requirements

TC AECMA

**EN 4050-2:2012 ( Ed. 1 )**

Aerospace series Test method for metallic materials - Ultrasonic inspection of bars, plates, forging stock and forgings Part 2: Performance of test

TC AECMA

**EN 4050-3:2012 ( Ed. 1 )**

Aerospace series Test method for metallic materials - Ultrasonic inspection of bars, plates, forging stock and forgings Part 3: Reference blocks

TC AECMA

**EN 4050-4:2012 ( Ed. 1 )**

Aerospace series Test method for metallic materials - Ultrasonic inspection of bars, plates, forging stock and forgings Part 4: Acceptance criteria

TC AECMA

**EN 4268:2012 ( Ed. 1 )**

Aerospace series Metallic materials - Heat treatment facilities

## General requirements

TC AECMA

**EN 4500-001:2012 ( Ed. 1 )**

Aerospace series Metallic materials - Rules for drafting and presentation of material standards Part 001: General rules

TC AECMA

**EN 4500-003:2012 ( Ed. 1 )**

Aerospace series Metallic materials - Rules for drafting and presentation of material standards Part 003: Specific rules for heat resisting alloys

TC AECMA

**EN 4500-004:2012 ( Ed. 1 )**

Aerospace series Metallic materials - Rules for drafting and presentation of material standards Part 004: Specific rules for titanium and titanium alloys

TC AECMA

**EN 4500-005:2012 ( Ed. 1 )**

Aerospace series Metallic materials - Rules for drafting and presentation of material standards Part 005: Specific rules for steels

TC AECMA

**EN 4632-004:2012 ( Ed. 1 )**

Aerospace series Weldability and brazeability of materials in aerospace constructions Part 004: Welding and brazing of homogeneous assemblies of high alloyed steels

TC AECMA

**EN 4681-001:2012 ( Ed. 1 )**

Aerospace series Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium Part 001: Technical specification

TC AECMA

**EN 4681-002:2012 ( Ed. 1 )**

Aerospace series Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium Part 002: General

TC AECMA

**EN 9300-003:2012 ( Ed. 1 )**

Aerospace series LOTAR - Long term archiving and retrieval of digital technical product documentation such as 3D, CAD and PDM data Part 003: Fundamentals and concepts

## 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.

SC 9XC

**EN 50122-1:2011 /CORRIGENDUM /AC/Nov:2012 ( Ed. 1 )**

Railway applications - Fixed installations - Electrical safety, earthing and the return circuit Part 1: Protective provisions against electric shock

SC 9XB

**EN 61881-2:2012 ( Ed. 1 )**

Railway applications - Rolling stock equipment - Capacitors for power electronics Part 2: Aluminium electrolytic capacitors with non solid electrolyte  
(IEC 61881-2:2012)

SC 9XB

**EN 61881-3:2012 ( Ed. 1 )**

Railway applications - Rolling stock equipment - Capacitors for power electronics Part 3: Electric double-layer capacitors  
(IEC 61881-3:2012)

SR 3

**EN 82079-1:2012 ( Ed. 1 )**

Preparation of instructions for use - Structuring, content and presentation Part 1: General principles and detailed requirements  
(IEC 82079-1:2012)

SR 15

**EN 60626-3:2008 /A 1:2012 ( Ed. 2 )**

Combined flexible materials for electrical insulation Part 3: Specifications for individual materials  
(IEC 60626-3:2008/A1:2012)

SR 15

**EN 60893-3-1:2012 ( Ed. 3 )**

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes Part 3-1: Specifications for individual materials - Types of industrial rigid laminated sheets  
(IEC 60893-3-1:2012)

SR 29

**EN 62585:2012 ( Ed. 1 )**

Electroacoustics - Methods to determine corrections to obtain the free-field response of a sound level meter  
(IEC 62585:2012)

SR 34A

**EN 60809:1996 /A 5:2012 ( Ed. 1 )**

Lamps for road vehicles - Dimensional, electrical and luminous requirements  
(IEC 60809:1995/A5:2012)

SR 34A

**EN 61549:2003 /A 3:2012 ( Ed. 2 )**

Miscellaneous lamps  
(IEC 61549:2003/A3:2012)

SR 40

**EN 60294:2012 ( Ed. 1 )**

Measurement of the dimensions of a cylindrical component with axial terminations  
(IEC 60294:2012)

SR 40

**EN 60301:2012 ( Ed. 1 )**

Preferred diameters of wire terminations of capacitors and resistors  
(IEC 60301:2012)

SR 46

**EN 62037-4:2012 ( Ed. 1 )**

Passive RF and microwave devices, intermodulation level measurement Part 4: Measurement of passive intermodulation in coaxial cables  
(IEC 62037-4:2012)

SR 47A

**EN 62132-8:2012 ( Ed. 1 )**

Integrated circuits - Measurement of electromagnetic immunity Part 8: Measurement of radiated immunity - IC stripline method  
(IEC 62132-8:2012)

SR 48B

**EN 60512-99-001:2012 ( Ed. 1 )**

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  
(IEC 60512-99-001:2012)

SR 48D

**EN 60917-2-5:2012 ( Ed. 1 )**

Modular order for the development of mechanical structures for electronic equipment practices Part 2-5: Sectinal specification - Interface co-ordination dimensions for the 25 mm equipment practice - Cabinet interface dimensions for miscellaneous equipment  
(IEC 60917-2-5:2012)

SR 48D

**EN 61587-4:2012 ( Ed. 1 )**

Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 series Part 4: Combination of performance levels for modular cabinets  
(IEC 61587-4:2012)

SR 49

**EN 61240:2012 ( Ed. 2 )**

Piezoelectric devices - Preparation of outline drawings of surface-mounted device (SMD) for frequency control and selection - General rules  
(IEC 61240:2012)

SR 49

**EN 62575-2:2012 ( Ed. 1 )**

Radio frequency (RF) bulk acoustic wave (BAW) filters of assessed quality Part 2 :Guidelines for to the use  
(IEC 62575-2:2012)

SR 56

**EN 62628:2012 ( Ed. 1 )**

Guidance on software aspects of dependability  
(IEC 62628:2012)

SR 65E

**EN 61987-11:2012 ( Ed. 1 )**

Industrial-process measurement and control - Data structures and elements in process equipment catalogues Part 11: List of

properties (LOP) of measuring equipment for electronic data exchange - Generic structures  
(IEC 61987-11:2012)

SR 65E  
**EN 62541-7:2012 (Ed. 1)**  
OPC unified architecture Part 7: Profiles  
(IEC 62541-7:2012)

SR 65E  
**EN 62541-9:2012 (Ed. 1)**  
OPC unified architecture Part 9: Alarms and conditions  
(IEC 62541-9:2012)

SR 65E  
**EN 62541-10:2012 (Ed. 1)**  
OPC unified architecture Part 10: Programs  
(IEC 62541-10:2012)

SR 80  
**EN 62729:2012 (Ed. 1)**  
Maritime navigation and radiocommunication equipment and systems - Shipborne equipment for long-range identification and tracking (LRIT) - Performance requirements  
(IEC 62729:2012)

SR 86C  
**EN 62150-3:2012 (Ed. 1)**  
Fibre optic active components and devices - Test and measurement procedures Part 3: Optical power variation induced by mechanical disturbance in optical receptacles and transceiver interfaces  
(IEC 62150-3:2012)

SR 89  
**EN 60695-11-3:2012 (Ed. 1)**  
Fire hazard testing Part 11-3: Test flames - 500 W flames - Apparatus and confirmational test methods  
(IEC 60695-11-3:2012)

SR 90  
**EN 61788-13:2012 (Ed. 2)**  
Superconductivity Part 13: AC loss measurements - Magnetometer methods for hysteresis loss in superconducting multifilamentary composites  
(IEC 61788-13:2012)

SR 105  
**EN 62282-3-300:2012 (Ed. 1)**  
Fuel cell technologies Part 3-300: Stationary fuel cell power systems - Installation  
(IEC 62282-3-300:2012)

SR 105  
**EN 62282-6-200:2012 (Ed. 2)**  
Fuel cell technologies Part 6-200: Micro fuel cell power systems - Performance test methods  
(IEC 62282-6-200:2012)

SR 110  
**EN 62341-6-3:2012 (Ed. 1)**  
Organic light emitting diode (OLED) displays Part 6-3: Measuring methods of image quality  
(IEC 62341-6-3:2012)

SR 112  
**EN 60544-2:2012 (Ed. 1)**  
Electrical insulating materials - Determination of the effects of ionizing radiation on insulating materials Part 2: Procedures for irradiation and test  
(IEC 60544-2:2012)

TC 14  
**EN 60076-18:2012 (Ed. 1)**  
Power transformers Part 18: Measurement of frequency response

(IEC 60076-18:2012)

TC 17B  
**EN 60947-4-1:2010 / A 1:2012 (Ed. 1)**  
Low-voltage switchgear and controlgear Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters  
(IEC 60947-4-1:2009/A1:2012)

TC 21X  
**EN 61982:2012 (Ed. 1)**  
Secondary batteries (except lithium) for the propulsion of electric road vehicles - Performance and endurance tests  
(IEC 61982-1:2012)

TC 22X  
**EN 62477-1:2012 (Ed. 1)**  
Safety requirements for power electronic converter systems and equipment Part 1: General  
(IEC 62477-1:2012)

TC 37A  
**EN 61643-11:2012 (Ed. 2)**  
Low-voltage surge protective devices Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods  
(IEC 61643-11:2011, modif)

TC 40XB  
**EN 60115-8:2012 (Ed. 1)**  
Fixed resistors for use in electronic equipment Part 8: Sectional specification - Fixed surface mount resistors  
(IEC 60115-8:2009, modif)

TC 55  
**EN 60317-0-8:2012 (Ed. 1)**  
Specifications for particular types of winding wires Part 0-8: General requirements - Polyester glass fibre wound, resin or varnish impregnated or not impregnated, bare or enamelled rectangular copper wire  
(IEC 60317-0-8:2012)

TC 55  
**EN 60317-2:2012 (Ed. 2)**  
Specifications for particular types of winding wires Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer  
(60317-2:2012)

TC 55  
**EN 60317-48:2012 (Ed. 2)**  
Specifications for particular types of winding wires Part 48: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155  
(IEC 60317-48:2012)

TC 55  
**EN 60317-49:2012 (Ed. 2)**  
Specifications for particular types of winding wires Part 49: Glass-fibre wound high temperature resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180  
(IEC 60317-49:2012)

TC 55  
**EN 60317-50:2012 (Ed. 2)**  
Specifications for particular types of winding wires Part 50: Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200  
(IEC 60317-50:2012)

TC 55  
**EN 60317-61:2012 (Ed. 1)**  
Specifications for particular types of winding wires Part 61: Polyester glass fibres wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

(IEC 60317-61:2012)

TC 55

**EN 60317-62:2012 (Ed. 1)**

Specifications for particular types of winding wires Part 62: Polyester glass fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200 (IEC 60317-62:2012)

TC 59X

**EN 50242:2008 /A 11:2012 (Ed. 2)**

Electric dishwashers for household use - Methods for measuring the performance (IEC 60436:2004/A1:2009, modif + IEC 60436:2004/A2:2012, modif)

TC 59X

**EN 60704-2-6:2012 (Ed. 3)**

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise Part 2-6: Particular requirements for tumble dryers (IEC 60704-2-6:2012)

TC 59X

**EN 60734:2012 (Ed. 3)**

Household electrical appliances - Performance - Water for testing (IEC 60734:2012)

TC 61

**EN 60335-2-2:2010 /A 11:2012 (Ed. 4)**

Household and similar electrical appliances - Safety Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

TC 61

**EN 62115:2005 /A 11:2012 (Ed. 1)**

Electric toys - Safety

TC 62

**EN 60601-2-44:2009 /A 1:2012 (Ed. 3)**

Medical electrical equipment Part 2-44: Particular requirements for basic safety and essential performance of X-ray equipment for computed tomography (IEC 60601-2-44:2009/A1:2012)

TC 64

**HD 60364-7-705:2007 /A 11:2012 (Ed. 1)**

Low-voltage electrical installations Part 7-705: Requirements for special installations or locations - Agricultural and horticultural premises

TC 65X

**EN 62439-3:2012 (Ed. 2)**

Industrial communication networks - High availability automation networks Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR) (IEC 62439-3:2012)

TC 79

**EN 50131-2-7-1:2012 (Ed. 1)**

Alarm systems - Intrusion and hold-up systems Part 2-7-1: Intrusion detectors - Glass break detectors (acoustic)

TC 79

**EN 50131-2-7-2:2012 (Ed. 1)**

Alarm systems - Intrusion and hold-up systems Part 2-7-2: Intrusion detectors - Glass break detectors (passive)

TC 79

**EN 50131-2-7-3:2012 (Ed. 1)**

Alarm systems - Intrusion and hold-up systems Part 2-7-3: Intrusion detectors - Glass break detectors (active)

TC 81X

**EN 50536:2011 /A 1:2012 (Ed. 1)**

Protection against lightning - Thunderstorm warning systems

TC 86A

**EN 60794-1-23:2012 (Ed. 1)**

Optical fibre cables Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods (IEC 60794-1-23:2012)

TC 86BXA

**EN 60876-1:2012 (Ed. 2)**

Fibre optic interconnecting devices and passive components - Fibre optic spatial switches Part 1: Generic specification (IEC 60876-1:2012)

TC 86BXA

**EN 61300-2-33:2012 (Ed. 3)**

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-33: Tests - Assembly and disassembly of fibre optic mechanical splices, fibre management systems and closures (IEC 61300-2-33:2012)

TC 86BXA

**EN 61753-061-2:2012 (Ed. 1)**

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 (IEC 61753-061-2:2012)

TC 86BXA

**EN 61754-26:2012 (Ed. 1)**

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces Part 26: Type SF connector family (IEC 61754-26:2012)

TC 106X

**EN 50400:2006 /A 1:2012 (Ed. 1)**

Basic standard to demonstrate the compliance of fixed equipment for radio transmission (110MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service

TC 111X

**EN 50581:2012 (Ed. 1)**

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

TC 116

**EN 61029-2-1:2012 (Ed. 3)**

Safety of transportable motor-operated electric tools Parte 2-1: Particular requirements for circular saw benches (IEC 61029-2-1:1993, modif + A1:1999 + A2:2001)

TC 116

**EN 61029-2-9:2012 (Ed. 3)**

Safety of transportable motor-operated electric tools Part 2-9: Particular requirements for mitre saws (IEC 61029-2-9:1995, modif)

TC 116

**EN 61029-2-11:2012 (Ed. 3)**

Safety of transportable motor-operated electric tools Part 2-11: Particular requirements for combined mitre and bench saws (IEC 61029-2-11:2001, modif)



### 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

**EN 300386:2012 ( V1.6.1 )**

Electromagnetic compatibility and Radio spectrum Matters (ERM);  
Telecommunication network equipment; ElectroMagnetic  
Compatibility (EMC) requirements

TC ETSI

**EN 300394-1:2012 ( V3.2.1 )**

Terrestrial Trunked Radio (TETRA); Conformance testing  
specification Part 1: Radio

TC ETSI

**EN 300396-6:2012 ( V1.5.1 )**

Terrestrial Trunked Radio (TETRA); Direct Mode Operation (DMO)  
Part 6: Security

TC ETSI

**EN 301489-17:2012 ( V2.2.1 )**

Electromagnetic compatibility and Radio spectrum Matters (ERM);  
ElectroMagnetic Compatibility (EMC) standard for radio equipment  
Part 17: Specific conditions for Broadband Data Transmission  
Systems

### 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 17B

**IEC 60947-5-2:2007 /A 1:2012 ( Ed 3.0 )**

Low-voltage switchgear and controlgear Part 5-2: Control circuit devices and switching elements - Proximity switches

TC 17A

**IEC 62271-100:2008 /A 1:2012 ( Ed 2.0 )**

High-voltage switchgear and controlgear Part 100: Alternating-current circuit-breakers

TC 17A

**IEC 62271-105:2012 ( Ed 2.0 )**

High-voltage switchgear and controlgear Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV

TC 17A

**IEC 62271-110:2012 ( Ed 3.0 )**

High-voltage switchgear and controlgear Part 110: Inductive load switching

TC 17A

**IEC 62271-111:2012 ( Ed 2.0 )**

High-voltage switchgear and controlgear Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV

TC 34B

**IEC 60061-1:1969 /A 48:2012 ( Ed 3.0 )**

Lamp caps and holders together with gauges for the control of interchangeability and safety Part 1: Lamp caps

TC 34B

**IEC 60061-2:1969 /A 45:2012 ( Ed 3.0 )**

Lamp caps and holders together with gauges for the control of interchangeability and safety Part 2: Lampholders

TC 34B

**IEC 60061-3:1969 /A 46:2012 ( Ed 3.0 )**

Lamp caps and holders together with gauges for the control of interchangeability and safety Part 3: Gauges

TC 34A

**IEC 60968:2012 ( Ed 2.0 )**

Self-ballasted lamps for general lighting services - Safety requirements

TC 34A

**IEC 61199:2011 /A 1:2012 ( Ed 3.0 )**

Single-capped fluorescent lamps - Safety specifications

TC 45A

**IEC 62646:2012 ( Ed 1.0 )**

Nuclear power plants - Control rooms - Computer based procedures

TC 45B

**IEC/TS 62743:2012 ( Ed 1.0 )**

Radiation protection instrumentation - Electronic counting dosimeters for pulsed fields of ionizing radiation

TC 46A

**IEC 61196-1-119:2012 ( Ed 1.0 )**

Coaxial communication cables Part 1-119: Electrical test methods - RF power rating

TC 46A

**IEC 61196-5:2012 ( Ed 2.0 )**

Coaxial communication cables Part 5: Sectional specification for CATV trunk and distribution cables

TC 46A

**IEC 61196-5-1:2012 ( Ed 2.0 )**

Coaxial communication cables Part 5-1: Blank detail specification for CATV trunk and distribution cables

TC 46A

**IEC 61196-8-2:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-2: Detail specification for 50-047 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 46A

**IEC 61196-8-3:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-3: Detail specification for 50-086 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 46A

**IEC 61196-8-4:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-4: Detail specification for 50-141 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 46A

**IEC 61196-8-5:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-5: Detail specification for 50-250 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 46A

**IEC 61196-8-6:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-6: Detail specification for 75-047 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 46A

**IEC 61196-8-7:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-7: Detail specification for 75-086 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 46A

**IEC 61196-8-8:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-8: Detail specification for 75-141 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 46A

**IEC 61196-8-9:2012 ( Ed 1.0 )**

Coaxial communication cables Part 8-9: Detail specification for 75-250 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation

TC 47A

**IEC 62132-8:2012 ( Ed 1.0 )**

Integrated circuits - Measurement of electromagnetic immunity Part 8: Measurement of radiated immunity - IC stripline method

TC 59D

**IEC 60704-2-6:2012 ( Ed 3.0 )**

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise Part 2-6: Particular requirements for tumble dryers

TC 59D

**IEC 62512:2012 ( Ed 1.0 )**

Electric clothes washer-dryers for household use - Methods for measuring the performance

TC 62B

**IEC 60601-2-44:2009 /A1 ( Ed 3.0 )**

Medical electrical equipment Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography

TC 62B

**IEC 60601-2-63:2012 ( Ed 1.0 )**

Medical electrical equipment Part 2-63: Particular requirements for basic safety and essential performance of dental extra-oral X-ray equipment

TC 62B

**IEC 60601-2-65:2012 ( Ed 1.0 )**

Medical electrical equipment Part 2-65: Particular requirements for basic safety and essential performance of dental intra-oral X-ray equipment

TC CISPR/H

**CISPR/TR 31:2012 ( Ed 2.0 )**

Database on the characteristics of radio services

TC 2

**IEC 60034-18-21:2012 ( Ed 2.0 )**

Rotating electrical machines Part 18-21: Functional evaluation of insulation systems - Test procedures for wire-wound windings - Thermal evaluation and classification

TC 9

**IEC 60571:2012 ( Ed 3.0 )**

Railway applications - Electronic equipment used on rolling stock

TC 29

**IEC 61094-8:2012 ( Ed 1.0 )**

Electroacoustics - Measurement microphones Part 8: Methods for free-field calibration of working standard microphones by comparison

TC 31

**IEC 60079-33:2012 ( Ed 1.0 )**

Explosive atmospheres Part 33: Equipment protection by special protection "s"

TC 38

**IEC 61869-2:2012 ( Ed 1.0 )**

Instrument transformers Part 2: Current Transformers

TC 47

**IEC 60749-27:2006 /A 1:2012 ( Ed 2.0 )**

Semiconductor devices - Mechanical and climatic test methods Part 27: Electrostatic discharge (ESD) sensitivity testing - Machine model (MM)

TC 49

**IEC 62575-2:2012 ( Ed 1.0 )**

Radio frequency (RF) bulk acoustic wave (BAW) filters of assessed quality Part 2: Guidelines for the use

TC 66

**IEC 61010-2-032:2012 ( Ed 3.0 )**

Safety requirements for electrical equipment for measurement, control, and laboratory use Part 2-032: Particular requirements for HAND-HELD and hand-manipulated current sensors for electrical test and measurement

TC 68

**IEC 60404-15:2012 ( Ed 1.0 )**

Magnetic materials Part 15: Methods for the determination of the relative magnetic permeability of feebly magnetic materials

TC 87

**IEC/TR 62781:2012 ( Ed 1.0 )**

Ultrasonics - Conditioning of water for ultrasonic measurements

TC 104

**IEC/TR 62130:2012 ( Ed 1.0 )**

Climatic field data including validation

TC 105

**IEC 62282-5-1:2012 ( Ed 2.0 )**

Fuel cell technologies Part 5-1: Portable fuel cell power systems - Safety

TC 107

**IEC 62396-2:2012 ( Ed 1.0 )**

Process management for avionics - Atmospheric radiation effects Part 2: Guidelines for single event effects testing for avionics systems

TC 107

**IEC/TS 62686-1:2012 ( Ed 1.0 )**

Process management for avionics - Electronic components for aerospace, defence and high performance (ADHP) applications Part 1: General requirements for high reliability integrated circuits and discrete semiconductors

TC 108

**IEC 62075:2012 ( Ed 2.0 )**

Audio/video, information and communication technology equipment - Environmentally conscious design

TC 110

**IEC 61747-4:2012 ( Ed 2.0 )**

Liquid crystal display devices Part 4: Liquid crystal display modules and cells - Essential ratings and characteristics

TC 110

**IEC 62595-2:2012 ( Ed 1.0 )**

LED backlight unit Part 2: Electro-optical measurement methods of LED backlight unit for liquid crystal displays

TC 112

**IEC/TS 62758:2012 ( Ed 1.0 )**

Calibration of space charge measuring equipment based on the pulsed electro-acoustic (PEA) measurement principle

## ISO

TC 2

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

Fasteners Torque/clamp force testing  
AMENDMENT 1

TC 5

**ISO 10380:2012 ( Ed 3 )**

Pipework Corrugated metal hoses and hose assemblies

TC 6

**ISO 5270:2012 ( Ed 3 )**

Pulps Laboratory sheets Determination of physical properties

TC 35

**ISO 15184:2012 ( Ed 2 )**

Paints and varnishes Determination of film hardness by pencil test

TC 38

**ISO 105-A11:2012 ( Ed 1 )**

Textiles Tests for colour fastness Part A11: Determination of colour fastness grades by digital imaging techniques

TC 44

**ISO 8205-3:2012 ( Ed 2 )**

Water-cooled secondary connection cables for resistance welding  
Part 3: Test requirements

TC 44

**ISO 9455-10:2012 ( Ed 2 )**

Soft soldering fluxes Test methods Part 10: Flux efficacy test,  
solder spread method

TC 44

**ISO 13588:2012 ( Ed 1 )**

Non-destructive testing of welds Ultrasonic testing Use of  
automated phased array technology

TC 48

**ISO 6556:2012 ( Ed 2 )**

Laboratory glassware Filter flasks

TC 61

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

Plastics Acquisition and presentation of comparable multipoint data  
Part 2: Thermal and processing properties

TC 84

**ISO 11608-3:2012 ( Ed 2 )**

Needle-based injection systems for medical use Requirements and  
test methods Part 3: Finished containers

TC 84

**ISO 11608-5:2012 ( Ed 1 )**

Needle-based injection systems for medical use Requirements and  
test methods Part 5: Automated functions

TC 94

**ISO 13287:2012 ( Ed 2 )**

Personal protective equipment Footwear Test method for slip  
resistance

TC 106

**ISO 12836:2012 ( Ed 1 )**

Dentistry Digitizing devices for CAD/CAM systems for indirect  
dental restorations Test methods for assessing accuracy

TC 106

**ISO 13397-2:2005 /A 1:2012 ( Ed 1 )**

Dentistry Periodontal curettes, dental scalers and excavators Part 2:  
Curettes parodontales de type Gr  
AMENDMENT 1: Colour coding

TC 106

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

Dentistry Periodontal probes Part 2: Designation

TC 118

**ISO 28927-12:2012 ( Ed 1 )**

Hand-held portable power tools Test methods for evaluation of  
vibration emission Part 12: Die grinders

TC 121

**ISO 5361:2012 ( Ed 2 )**

Anaesthetic and respiratory equipment Tracheal tubes and  
connectors

TC 122

**ISO 13127:2012 ( Ed 1 )**

Packaging Child resistant packaging Mechanical test methods for  
reclosable child resistant packaging systems

TC 127

**ISO 11979-1:2012 ( Ed 3 )**

Ophthalmic implants Intraocular lenses Part 1: Vocabulary

TC 135

**ISO 2400:2012 ( Ed 2 )**

Non-destructive testing Ultrasonic testing Specification for  
calibration block No. 1

TC 138

**ISO 9080:2012 ( Ed 2 )**

Plastics piping and ducting systems Determination of the long-term  
hydrostatic strength of thermoplastics materials in pipe form by  
extrapolation

TC 147

**ISO 5814:2012 ( Ed 3 )**

Water quality Determination of dissolved oxygen Electrochemical  
probe method

TC 147

**ISO 6341:2012 ( Ed 4 )**

Water quality Determination of the inhibition of the mobility of  
Daphnia magna Straus (Cladocera, Crustacea) Acute toxicity test

TC 159

**ISO 15535:2012 ( Ed 3 )**

General requirements for establishing anthropometric databases

TC 163

**ISO 12631:2012 ( Ed 1 )**

Thermal performance of curtain walling Calculation of thermal  
transmittance

TC 172

**ISO 9394:2012 ( Ed 3 )**

Ophthalmic optics Contact lenses and contact lens care products  
Determination of biocompatibility by ocular study with rabbit eyes

TC 172

**ISO 11979-4:2008 /A 1:2012 ( Ed 1 )**

Ophthalmic implants  
Intraocular lenses Part 4: Labelling and information  
AMENDMENT 1

TC 182

**ISO 22476-1:2012 ( Ed 1 )**

Geotechnical investigation and testing Field testing Part 1:  
Electrical cone and piezocone penetration test

TC 188

**ISO 13297:2012 ( Ed 3 )**

Small craft Electrical systems Alternating current installations

TC 199

**ISO 13849-2:2012 ( Ed 3 )**

Safety of machinery Safety-related parts of control systems Part 2: Validation

TC 213

**ISO 5436-2:2012 ( Ed 2 )**

Geometrical product specifications (GPS) Surface texture: Profile method; Measurement standards Part 2: Software measurement standards

TC 213

**ISO 17450-2:2012 ( Ed 1 )**

Geometrical product specifications (GPS) General concepts Part 2: Basic tenets, specifications, operators, uncertainties and ambiguities

TC 215

**ISO 1828:2012 ( Ed 1 )**

Health informatics Categorial structure for terminological systems of surgical procedures

TC 216

**ISO 16177:2012 ( Ed 1 )**

Footwear Resistance to crack initiation and growth Belt flex method

TC 228

**ISO 24801-1:2007 ( Ed 1 )**

Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers Part 1: Level 1- Supervised diver

TC 228

**ISO 24801-2:2007 ( Ed 1 )**

Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers Part 2: Level 2- Autonomous diver

TC 228

**ISO 24801-3:2007 ( Ed 1 )**

Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers Part 3: Level 3-- Dive leader

TC 228

**ISO 24802-1:2007 ( Ed 1 )**

Recreational diving services - Safety related minimum requirements for the training of scuba instructors Part 1: Level 1

TC 228

**ISO 24802-2:2007 ( Ed 1 )**

Recreational diving services - Safety related minimum requirements for the training of scuba instructors Part 2: Level 2

**ISO 20433:2012 ( Ed 2 )**

Leather Tests for colour fastness Colour fastness to crocking

## ISO/IEC

TC CASCO

**ISO/IEC 17022:2012 ( Ed 1.0 )**

Conformity assessment - Requirements and recommendations for content of a third-party audit report on management systems

TC CASCO

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

Conformity assessment - Requirements for bodies certifying products, processes and services

**ISO/IEC 31320-1:2012 ( Ed 1.0 )**

Information technology - Modeling Languages Part 1: Syntax and Semantics for IDEF0

**ISO/IEC 31320-2:2012 ( Ed 1.0 )**

Information technology - Modeling Languages Part 2: Syntax and Semantics for IDEF1X97 (IDEFObject)

## 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.

E100 / CTE 1

**NP 2626-151:2009 /prNP 1** Preço: 0,00 EUR

Vocabulário Eletrotécnico Internacional Capítulo 151:

Dispositivos elétricos e magnéticos

**Data de Início do Inquerito:** 2012-11-16

**Data de Fim do Inquerito:** 2012-12-16

A280 / CTA 28

**prNP 3034:2012** Preço: 0,00 EUR

Azeitonas de mesa Definição, classificação, características,

condicionamento e rotulagem

**Data de Início do Inquerito:** 2012-11-16

**Data de Fim do Inquerito:** 2012-12-16

C1450 / CT 145

**prNP 4406:2012** Preço: 0,00 EUR

Sistemas de gestão florestal sustentável Aplicação dos

critérios pan-europeus para a gestão florestal sustentável

**Data de Início do Inquerito:** 2012-11-16

**Data de Fim do Inquerito:** 2013-01-15

## 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 16247-2:2012**  
Energy audits Part 2: Buildings  
**Data Limite:** 2013-03-04

**prEN 16247-3:2012**  
Energy audits Part 3: Processes  
**Data Limite:** 2013-03-04

**prEN 16247-4:2012**  
Energy audits Part 4: Transport  
**Data Limite:** 2013-03-04

**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 16500:2012**  
Machines for compacting waste materials or recyclable fractions Vertical baling presses Safety requirements  
**Data Limite:** 2013-03-11

**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 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 12

**prEN ISO 27509:2012**

Petroleum and natural gas industries Compact flanged connections with IX seal ring (ISO/FDIS 27509:2012)

**Data Limite:** 2012-12-04

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 8311:2012**

Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels Calibration of membrane tanks and independent prismatic tanks in ships Manual and internal electro-optical distance-ranging methods (ISO/DIS 8311:2012)

**Data Limite:** 2013-03-18

TC 19

**prEN ISO 10370:2012**

Petroleum products Determination of carbon residue Micro method (ISO/DIS 10370:2012)

**Data Limite:** 2013-03-18

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 11623:2012**

Gas cylinders Composite construction Periodic inspection and testing (ISO/DIS 11623:2012)

**Data Limite:** 2013-03-11

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 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 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 38

**prEN 335:2012**

Durability of wood and wood-based products Use classes: definitions, application to solid wood and wood based panels

**Data Limite:** 2012-12-25

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 51

**prEN 196-2:2012**

Method of testing cement Part 2: Chemical analysis of  
cement

**Data Limite:** 2013-03-04

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 71-4:2012**

Safety of toys Part 4: Experimental sets for chemistry and  
related activities

**Data Limite:** 2012-12-04

TC 52

**prEN 71-7:2012**

Safety of toys Part 7: Finger paints Requirements and  
test methods

**Data Limite:** 2013-03-25

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 10323:2012**

Dentistry Bore diameters for rotary instruments such as  
discs and wheels  
(ISO/FDIS 10323:2012)

**Data Limite:** 2012-12-11

TC 55

**prEN ISO 13078:2012**

Dentistry Dental furnace Test method for temperature  
measurement with separate thermocouple  
(ISO/FDIS 13078:2012)

**Data Limite:** 2012-12-11

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 20795:2012**

Dentistry Base polymers Part 1: Denture base polymers  
(ISO/FDIS 20795-1:2012)

**Data Limite:** 2013-01-11

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

**prEN 1643:2012**

Valve proving systems for automatic shut-off valves for  
gas burners and gas appliances

**Data Limite:** 2013-02-20

TC 58

**prEN 16304:2012**

Automatic vent valves for gas burners and gas burning  
appliances

**Data Limite:** 2012-12-25

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 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

**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 88

**prEN 16025-2:2012**

Thermal and/ or sound insulating products in building construction Bound EPS ballastings Part 2: Processing of the factory premixed EPS dry plaster

**Data Limite:** 2013-01-15

TC 88

**prEN 16491:2012**

Thermal insulation products for buildings Factory made composite products Specification

**Data Limite:** 2013-03-11

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 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 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 104

**prEN 480-15:2012**

Admixtures for concrete, mortar and grout Test methods Part 15: Reference concrete and method for testing viscosity modifying admixtures

**Data Limite:** 2012-12-18

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 110

**prEN 327:2012**

Heat exchangers Forced convection air cooled refrigerant condensers Test procedures for establishing performance

**Data Limite:** 2013-03-11

TC 110

**prEN 328:2012**

Heat exchangers Forced convection unit air coolers for refrigeration Test procedures for establishing the performance

**Data Limite:** 2013-03-11

TC 110

**prEN 1048:2012**

Heat exchangers Air cooled liquid coolers ('dry coolers') Test procedures for establishing performance

**Data Limite:** 2013-03-11

TC 121

**prEN 14700:2012**

Welding consumables Welding consumables for hard-facing

**Data Limite:** 2012-12-26

TC 121

**prEN ISO 14114:2012**

Gas welding equipment Acetylene manifold systems for welding, cutting and allied processes General requirements

(ISO/DIS 14114:2012)

**Data Limite:** 2013-03-11

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 15609-6:2012**

Specification and qualification of welding procedures for metallic materials Welding procedure specification Part 6: Laser-arc hybrid welding (ISO/FDIS 15609-6:2012)

**Data Limite:** 2012-12-25

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 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 717-1:2012**

Acoustics Rating of sound insulation in buildings and of building elements Part 1: Airborne sound insulation (ISO/FDIS 717-1:2012)

**Data Limite:** 2012-12-04

TC 126

**prEN ISO 717-2:2012**

Acoustics Rating of sound insulation in buildings and of building elements Part 2: Impact sound insulation (ISO/FDIS 717-2:2012)

**Data Limite:** 2012-12-04

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 1304:2012**

Clay roofing tiles and fittings Product definitions and specifications

**Data Limite:** 2013-03-04

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 128

**prEN 16153:2012**

Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings Requirements and test methods

**Data Limite:** 2012-12-25

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 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 567:2012**  
Mountaineering equipment Rope clamps Safety requirements and test methods  
**Data Limite:** 2012-12-11

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 12503-4:2012**  
Sports mats Part 4: Determination of shock absorption  
**Data Limite:** 2013-03-11

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 13205-1:2012**  
Workplace exposure Assessment of sampler performance for measurement of airborne particle concentrations Part 1: General requirements  
**Data Limite:** 2013-03-04

TC 137  
**prEN 13205-4:2012**  
Workplace exposure Assessment of sampler performance for measurement of airborne particle concentrations Part 4: Laboratory performance test based on comparison of concentrations  
**Data Limite:** 2013-03-04

TC 137  
**prEN 13205-5:2012**  
Workplace exposure Assessment of sampler performance for measurement of airborne particle concentrations Part 5: Aerosol sampler performance test and sampler comparison carried out at workplaces  
**Data Limite:** 2013-03-04

TC 137  
**prEN 13205-6:2012**  
Workplace exposure Assessment of sampler performance for measurement of airborne particle concentrations Part 6: Transport and handling tests

**Data Limite:** 2013-03-04

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 16205-2:2012**

Workplace exposure Assessment of sampler performance for measurement of airborne particle concentrations Part 2: Laboratory performance test based on determination of sampling efficiency

**Data Limite:** 2013-03-04

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 138

**prEN ISO 17405:2012**

Non-destructive testing Ultrasonic testing Technique of testing claddings produced by welding, rolling and explosion

(ISO/DIS 17405:2012)

**Data Limite:** 2013-03-04

TC 139

**prCEN/TS 16498:2012**

Paints and varnishes Coating materials and coating systems for exterior wood Assessment of tannin staining

**Data Limite:** 2013-01-11

TC 139

**prCEN/TS 16499:2012**

Paints and varnishes Coating materials and coating systems for exterior wood Resistance to blocking of paints and varnishes on wood

**Data Limite:** 2013-01-11

TC 139

**prEN 927-1:2012**

Paints and varnishes Coating materials and coating systems for exterior wood Part 1: Classification and selection

**Data Limite:** 2012-12-04

TC 139

**prEN 13523-0:2012**

Coil coated metals Test methods Part 0: General introduction and list of test methods

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-2:2012**

Coil coated metals Test methods Part 2: Gloss

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-3:2012**

Coil coated metals Test methods Part 3: Colour difference - Instrumental comparison

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-4:2012**

Coil coated metals Test methods Part 4: Pencil hardness

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-5:2012**

Coil coated metals Test methods Part 5: Resistance to rapid deformation (impact test)

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-7:2012**

Coil coated metals Test methods Part 7: Resistance to cracking on bending (T-bend test)

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-9:2012**

Coil coated metals Test methods Part 9: Resistance to water immersion

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-13:2012**

Coil coated metals Test methods Part 13: Resistance to accelerated ageing by the use of heat

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-14:2012**

Coil coated metals Test methods Part 14: Chalking (Helmen method)

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-25:2012**

Coil coated metals Test methods Part 25: Resistance to humidity

**Data Limite:** 2013-03-11

TC 139

**prEN 13523-26:2012**

Coil coated metals Test methods Part 26: Resistance to condensation of water

**Data Limite:** 2013-03-11

TC 139

**prEN 16492:2012**

Paints and varnishes Evaluation of the surface disfigurement caused by fungi and algae on coatings

**Data Limite:** 2013-03-11

TC 139

**prEN ISO 2409:2012**

Paints and varnishes Cross-cut test

(ISO/FDIS 2409:2012)

**Data Limite:** 2012-12-25

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 11890-2:2012**  
Paints and varnishes Determination of volatile organic compound (VOC) content Part 2: Gas-chromatographic method  
(ISO/FDIS 11890-2:2012)  
**Data Limite:** 2013-01-25

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 20567-3:2012**  
Paints and varnishes Determination of stone-chip resistance of coatings Part 3: Single-impact test with a free-flying impact body  
(ISO/FDIS 20567-3:2012)  
**Data Limite:** 2012-11-27

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 1870-6:2012**  
Safety of woodworking machines Circular sawing machines Part 6: Circular sawing machines for fire wood  
**Data Limite:** 2013-03-18

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 144  
**prEN ISO 16119-1:2012**  
Agricultural and forestry machinery Environmental requirements and testing for sprayers Part 1: General  
(ISO/FDIS 16119-1:2012)  
**Data Limite:** 2012-12-04

TC 144  
**prEN ISO 16119-2:2012**  
Agricultural and forestry machinery Environmental requirements and testing for sprayers Part 2: Horizontal boom sprayers  
(ISO/FDIS 16119-2:2012)  
**Data Limite:** 2012-12-04

TC 144  
**prEN ISO 16119-3:2012**  
Agricultural and forestry machinery Environmental requirements and testing for sprayers Part 3: Sprayers for bush and tree crops  
(ISO/FDIS 16119-3:2012)  
**Data Limite:** 2012-12-04

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 147  
**prEN 13001-3-3:2012**  
Cranes General design Part 3-3: Limit states and proof of competence of wheel/rail contacts  
**Data Limite:** 2013-03-11

TC 147  
**prEN 13135:2012**  
Cranes - Safety Design Requirements for equipment  
**Data Limite:** 2012-12-04

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 16307-5:2012**  
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 154  
**EN 933-9:2009 /prA 1:2012**  
Tests for geometrical properties of aggregates Part 9:  
Assessment of fines - Methylene blue test)  
**Data Limite:** 2013-01-11

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  
**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 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 155  
**prEN ISO 15874-2:2012**  
Plastics piping systems for hot and cold water  
installations Polypropylene (PP) Part 2: Pipes  
(ISO/FDIS 15874-2:2012)  
**Data Limite:** 2012-12-04

TC 155  
**prEN ISO 15874-3:2012**  
Plastics piping systems for hot and cold water  
installations Polypropylene (PP) Part 3: Fittings  
(ISO/FDIS 15874-3:2012)  
**Data Limite:** 2012-12-04

TC 155  
**prEN ISO 15874-5:2012**  
Plastics piping systems for hot and cold water  
installations Polypropylene (PP) Part 5: Fitness for  
purpose of the system  
(ISO/FDIS 15874-5:2012)  
**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 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 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 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 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 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 166  
**prEN 16497-1:2012**  
Chimneys Concrete System Chimneys Part 1:  
Non-balanced flue applications  
**Data Limite:** 2013-03-11

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 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:** 2012-11-05

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 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 1910:2012**

Wood flooring and wood panelling and cladding  
Determination of dimensional stability

**Data Limite:** 2012-12-25

TC 175

**prEN 13442:2012**

Wood and parquet flooring and wood panelling and cladding Determination of the resistance to chemical agents

**Data Limite:** 2012-12-25

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 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 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 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 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 188  
**prEN ISO 21180:2012**  
Light conveyor belts Determination of the maximum tensile strength (ISO/FDIS 21180:2012)  
**Data Limite:** 2013-01-11
- TC 188  
**prEN ISO 21181:2012**  
Light conveyor belts Determination of the relaxed elastic modulus (ISO/FDIS 21181:2012)  
**Data Limite:** 2013-01-11
- TC 188  
**prEN ISO 21182:2012**  
Light conveyor belts Determination of the coefficient of friction (ISO/FDIS 21182:2012)  
**Data Limite:** 2013-01-11
- 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  
**prEN 694:2012**  
Fire-fighting hoses Semi-rigid hoses for fixed systems  
**Data Limite:** 2013-03-04
- 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 192  
**prEN 1947:2012**  
Fire-fighting hoses Semi-rigid delivery hoses and hose assemblies for pumps and vehicles  
**Data Limite:** 2013-03-04
- TC 192  
**prEN 14540:2012**  
Fire-fighting hoses Non-percolating layflat hoses for fixed systems  
**Data Limite:** 2013-03-04
- TC 193  
**prEN 302-1:2012**  
Adhesives for load-bearing timber structures Test methods Part 1: Determination of longitudinal tensile shear strength  
**Data Limite:** 2012-12-25
- TC 193  
**prEN 302-2:2012**  
Adhesives for load-bearing timber structures Test methods Part 2: Determination of resistance to delamination  
**Data Limite:** 2012-12-25
- TC 193  
**prEN 302-3:2012**  
Adhesives for load-bearing timber structures Test methods Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength  
**Data Limite:** 2012-12-25
- TC 193  
**prEN 302-4:2012**  
Adhesives for load-bearing timber structures Test methods Part 4: Determination of the effects of wood shrinkage on the shear strength  
**Data Limite:** 2012-12-25
- TC 193  
**prEN 302-5:2012**  
Adhesives for load-bearing structures Test methods Part 5: Determination of maximum assembly time under referenced conditions  
**Data Limite:** 2012-12-25
- TC 193  
**prEN 302-6:2012**  
Adhesives for load-bearing timber structures Test methods Part 6: Determination of the minimum pressing time under referenced conditions  
**Data Limite:** 2012-12-25
- TC 193  
**prEN 302-7:2012**  
Adhesives for load-bearing timber structures Test methods Part 7: Determination of the working life under referenced conditions  
**Data Limite:** 2012-12-25
- 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 197  
**prEN 16480:2012**  
Pumps Minimum required efficiency of rotodynamic water pumps  
**Data Limite:** 2013-01-23
- 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  
**prEN ISO 20857:2012**  
Sterilization of health care products Dry heat Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 20857:2010)  
**Data Limite:** 2013-03-04
- TC 207  
**prEN 1729-1:2012**  
Furniture Chairs and tables for educational institutions Part 1: Functional dimensions  
**Data Limite:** 2013-01-09
- TC 207  
**prEN 16139:2012**  
Furniture Strength, durability and safety Requirements for non-domestic seating  
**Data Limite:** 2012-12-11
- 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 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 224  
**prCEN/TS 15480-4:2012**  
Identification card systems European Citizen Card Part 5: General Introduction  
**Data Limite:** 2013-01-11
- 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  
**prEN 1790:2012**  
Road marking materials Preformed road markings  
**Data Limite:** 2013-03-04
- TC 226  
**prEN 1871:2012**  
Road marking materials Paint, thermoplastic and cold plastic materials Specifications  
**Data Limite:** 2013-03-04
- 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 12697-43:2012**  
Bituminous mixtures Test methods for hot mix asphalt  
Part 43: Resistance to fuel  
**Data Limite:** 2013-03-11

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 13225:2012**  
Precast concrete products Linear structural elements  
**Data Limite:** 2012-12-18

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 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 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 17994:2012**  
Water quality Requirements for the comparison of the  
relative recovery of microorganisms by two quantitative  
methods  
(ISO/DIS 17994:2012)  
**Data Limite:** 2013-03-04

TC 230  
**prEN ISO 19250:2012**  
Water quality Detection of Salmonella spp.  
(ISO 19250:2010)  
**Data Limite:** 2013-02-20

TC 230  
**prEN ISO 27108:2012**  
Water quality Determination of selected plant  
treatment agents and biocide products Method using  
solid-phase microextraction (SPME) followed by gas  
chromatography-mass spectrometry (GC-MS)  
(ISO 27108:2010)  
**Data Limite:** 2013-03-11

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 234  
**prEN 12007-5:2012**  
Gas infrastructure Pipelines for maximum operating  
pressure up to and including 16 bar Part 5: Service lines  
- Specific functional requirements  
**Data Limite:** 2013-03-18

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 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 246

**prEN 14066:2012**

Natural stone test methods Determination of resistance to ageing by thermal shock

**Data Limite:** 2012-12-18

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 16301:2012**

Natural stone test methods Determination of sensitivity to accidental staining

**Data Limite:** 2012-12-11

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 247

**prEN 14908-2:2012**

Open Data Communication in Building Automation, Controls and Building Management Control Network Protocol Part 2: Twisted Pair Communication

**Data Limite:** 2013-03-11

TC 247

**prEN 14908-3:2012**

Open Data Communication in Building Automation, Controls and Building Management Control Network Protocol Part 3: Power Line Channel Specification

**Data Limite:** 2013-03-11

TC 247

**prEN 14908-4:2012**

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol Part 4: IP Communication

**Data Limite:** 2013-03-11

TC 248

**prEN 14682:2012**

Safety of children's clothing Cords and drawstrings on children's clothing Specifications

**Data Limite:** 2013-03-11

TC 248

**prEN 15619:2012**

Rubber or plastic coated fabrics Safety of temporary structures (tents) Specification for coated fabrics intended for tents and related structures

**Data Limite:** 2013-03-18

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 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 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 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 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 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 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  
**prCEN/TS 16272-5:2012**  
Railway applications Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance Part 5: Intrinsic characteristics - In situ values of sound reflection under direct sound field conditions  
**Data Limite:** 2013-01-25

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 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 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 16272-3-2:2012**  
Railway applications Track - Noise barriers and related devices acting on airborne sound propagation - Test method for determining the acoustic performance Part 3-2: Normalized railway noise spectrum and single number ratings for direct field applications  
**Data Limite:** 2013-03-11

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  
**prCEN/TS 16490:2012**  
Fertilizers Comparison of the CEN/TC 260/WG 7 ring test results with tolerances given in the Regulation (EC) Nr 2003/2003 Annex II and conclusions  
**Data Limite:** 2013-01-11

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 261  
**prEN 16210:2012**  
Transportation loads Measurement and evaluation of climatic and other loads Data acquisition and general requirements for measuring equipment  
**Data Limite:** 2012-12-11

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 16289:2012**  
Glass packaging Screw finishes for pressure capsules - MCA 7,5 RF finish  
**Data Limite:** 2012-12-11

TC 261  
**prEN 16291-1:2012**  
Glass packaging Screw finishes for pressure capsules Part 1: Returnable glass MCA 2 finish  
**Data Limite:** 2012-12-11

TC 261  
**prEN 16291-2:2012**  
Glass packaging Screw finishes for pressure capsules Part 2: One way glass MCA 2 finish  
**Data Limite:** 2012-12-11

TC 261  
**prEN 16292:2012**  
Glass packaging Screw finishes Depressed threads  
**Data Limite:** 2012-12-11

TC 261  
**prEN 16293:2012**  
Packaging Glass Packaging Deep BVS finishes for still wines  
**Data Limite:** 2012-12-11

TC 261  
**prEN ISO 445:2012**  
Pallets for materials handling Vocabulary (ISO/FDIS 445:2012)  
**Data Limite:** 2012-11-27

TC 262  
**prEN ISO 6509:2012**  
Corrosion of metals and alloys Determination of dezincification resistance of copper alloys with zinc (ISO/DIS 6509:2012)  
**Data Limite:** 2013-03-18

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

**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 14181:2012**

Stationary source emissions Quality assurance of automated measuring systems

**Data Limite:** 2013-03-18

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 265

**EN ISO 8044:1999 /prA 1:2012**

Corrosion of metals and alloys Basic terms and definitions Amendment 1 (ISO 8044:1999/DAM 1:2012)

**Data Limite:** 2013-03-25

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 bicinchoninic acid-protein detection

**Data Limite:** 2012-12-06

TC 275

**prEN 13804:2012**

Foodstuffs Determination of elements and their chemical species General considerations and specific

**Data Limite:** 2012-12-11

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

**prEN ISO 21572:2012**

Foodstuffs Molecular biomarker analysis Protein-based methods (ISO/FDIS 21572:2012)

**Data Limite:** 2012-12-11

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 278

**prEN 15213-1:2012**

Intelligent transport systems After-theft systems for the recovery of stolen vehicles Part 1: Reference architecture and terminology

**Data Limite:** 2013-03-25

TC 278

**prEN 15213-2:2012**

Intelligent transport systems After-theft systems for the recovery of stolen vehicles Part 2: Common status message elements

**Data Limite:** 2013-03-25

TC 278

**prEN 15213-3:2012**

Intelligent transport systems After-theft systems for the recovery of stolen vehicles Part 3: Interface and system requirements in terms of short range communication system

**Data Limite:** 2013-03-25

TC 278

**prEN 15213-5:2012**

Intelligent transport systems After-theft systems for the recovery of stolen vehicles Part 5: Messaging interface

**Data Limite:** 2013-03-25

TC 278

**prEN 15509:2012**

Electronic fee collection Interoperability application profile for DSRC

**Data Limite:** 2013-03-11

TC 278

**prEN 15213-4:2012**

Intelligent transport systems After-theft systems for the recovery of stolen vehicles Part 4: Interface and system requirements in terms of long range communication system

**Data Limite:** 2013-03-25

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 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 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 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 2588:2012**  
Leather Sampling Number of items for a gross sample  
(ISO/DIS 2588:2012)  
**Data Limite:** 2013-03-04

TC 289  
**prEN ISO 17070:2012**  
Leather Chemical tests Determination of  
tetrachlorophenol-, trichlorophenol-, dichlorophenol-,  
monochlorophenol-isomers and pentchlorophenol  
content  
(ISO/DIS 17070:2012)  
**Data Limite:** 2013-01-02

TC 289  
**prEN ISO 17234-1:2012**  
Leather Chemical tests for the determination of certain  
azo colorants in dyed leathers Part 1: Determination of  
certain aromatic amines derived from azo colorants  
(ISO/DIS 17234-1:2012)  
**Data Limite:** 2013-03-04

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 14638:2012**  
Geometrical product specification (GPS) Masterplan  
(ISO/DIS 14638:2012)  
**Data Limite:** 2013-02-16

TC 290  
**prEN ISO 16610-60:2012**  
Geometrical Product Specification (GPS) Filtration Part  
60: Linear areal filters: Basic concepts  
(ISO/DIS 16610-60)  
**Data Limite:** 2013-03-18

TC 290  
**prEN ISO 16610-61:2012**  
Geometrical Product Specification (GPS) Filtration Part 61:  
Linear areal filters - Gaussian filters  
(ISO/DIS 16610-61:2012)  
**Data Limite:** 2013-03-18

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  
instruments  
**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 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 80079-38:2012**  
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

**prEN 14701-2:2012**

Characterisation of sludges Filtration properties Part 2: Determination of the specific resistance to filtration

**Data Limite:** 2013-01-30

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 329

**prEN ISO 24802-3:2012**

Recreational diving services - Requirements for the training of scuba instructors Part 3: Level 3

training of scuba instructors Part 2: Level 2

(ISO/DIS 24802-2:2012)

**Data Limite:** 2013-03-04

TC 333

**prEN ISO 8098:2012**

Cycles Safety requirements for bicycles for young children

(ISO/DIS 8098:2012)

**Data Limite:** 2013-03-04

TC 335

**prEN ISO 17225-2:2012**

Solid biofuels Fuel specifications and classes Part 2: Graded wood pellets

(ISO/DIS 17225-2:2012)

**Data Limite:** 2013-03-18

TC 335

**prEN ISO 17225-3:2012**

Solid biofuels Fuel specifications and classes Part 3: Graded wood briquettes

(ISO/DIS 17225-3:2012)

**Data Limite:** 2013-03-18

TC 335

**prEN ISO 17225-4:2012**

Solid biofuels Fuel specifications and classes Part 4: Graded wood chips

(ISO/DIS 17225-4:2012)

**Data Limite:** 2013-03-18

TC 335

**prEN ISO 17225-5:2012**

Solid biofuels Fuel specifications and classes Part 5: Graded firewood

(ISO/DIS 17225-5:2012)

**Data Limite:** 2013-03-18

TC 335

**prEN ISO 17225-6:2012**

Solid biofuels Fuel specifications and classes Part 6: Graded non-woody pellets

(ISO/DIS 17225-6:2012)

**Data Limite:** 2013-03-18

TC 335

**prEN ISO 17225-7:2012**

Solid biofuels Fuel specifications and classes Part 7: Graded non-woody briquettes

(ISO/DIS 17225-7:2012)

**Data Limite:** 2013-03-18

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 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 11269-2:2012**

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 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 16302:2012**

Conservation of cultural property Test methods Measurement of water absorption by pipe method

**Data Limite:** 2012-11-27

TC 346

**prEN 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 365

**prCEN/TS 16080:2012**

Internet Content and communications filtering software and services

**Data Limite:** 2012-12-06

TC 377

**prCEN/TS 16501:2012**

Air Traffic Management Specification for software assurance levels

**Data Limite:** 2013-01-11

TC 377

**prEN 16495:2012**

Air Traffic Management Information security for organisations supporting civil aviation operations

**Data Limite:** 2013-03-18

TC 379

**prEN 16352:2012**

Logistics Specifications for reporting crime incidents

**Data Limite:** 2012-12-25

TC 379

**prEN ISO 80601-2-69:2012**

Medical Electrical Equipment Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment (ISO/DIS 80601-2-69:2012)

**Data Limite:** 2013-03-25

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 CST01

**EN ISO 12215-5:2008 /prA 1:2012**

Small craft Hull construction and scantlings Part 5: Design pressures for monohulls, design stresses, scantlings determination Amendment 1

(ISO 12215-5:2008/DAM 1:2012)

**Data Limite:** 2013-03-04

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 16180:2012**  
Small craft Navigation lights Installation, placement and visibility (ISO/FDIS 16180:2012)  
**Data Limite:** 2012-12-11

TC CST01  
**prEN ISO/IEC 16315:2012**  
Small craft Electric propulsion system (ISO/IEC/DIS 16315:2012)  
**Data Limite:** 2013-03-25

TC CSM11  
**prEN ISO 4492:2012**  
Metallic powders, excluding powders for hardmetals - Determination of dimensional changes associated with compacting and sintering (ISO/FDIS 4492:2012)  
**Data Limite:** 2013-01-25

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:** 2012-11-13

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 3646-004:2012**  
Aerospace series Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous Part 004: Receptacle, jam-nut mounting - Product standard  
**Data Limite:** 2012-12-18

TC AECMA  
**prEN 3864:2012**  
Aerospace series Non-metallic materials - Glass transparencies - Test methods Determination of modulus of rupture  
**Data Limite:** 2012-12-18

TC AECMA  
**prEN 4632-006:2012**  
Aerospace series Weldability and brazeability of materials in aerospace constructions Part 006: Homogeneous assemblies of titanium alloys  
**Data Limite:** 2012-12-18

TC AECMA  
**prEN 4701-002:2012**  
Aerospace series Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4531-101 contacts Part 002: Material  
**Data Limite:** 2012-12-18

TC AECMA  
**prEN 4701-003:2012**  
Aerospace series Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4531-101 contacts Part 003: Module series 2 - Product standard  
**Data Limite:** 2012-12-18

## 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 Comités Técnicos do CEN

Lista dos Comités 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 156

Ventilation for buildings

CEN/TC 123

Lasers and laser related equipment

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.

B 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 50156-2:2012**

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:** 2013-02-01

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 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

SC 31-9

**FprEN 60079-29-3:2012**

Explosive atmospheres Part 29-3: Gas detectors - Guidance on functional safety of fixed gas detection systems (IEC 60079-29-3:201X)

**Data Limite:** 2013-01-25

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 62021-3:2012**

Insulating liquids - Determination of acidity Part 3: Test methods for non-mineral insulating oils (IEC 62021-3:201X)

**Data Limite:** 2013-01-11

SR 15

**EN 60684-3-216:2005 /FprA 2:2012**

Flexible insulating sleeving Part 3: Specifications for individual types of sleeving Sheet 216: Heat-shrinkable, flame-retarded, limited-fire hazard sleeving (IEC 60684-3-216:2001/A2:201X)

**Data Limite:** 2013-01-25

SR 15

**EN 60684-3-280:2010 /FprA 1:2012**

Flexible insulating sleeving Part 3: Specification for individual types of sleeving Sheet 280: Heat-shrinkable, polyolefin sleeving, anti-tracking (IEC 60684-3-280:2010/A1:201X)

**Data Limite:** 2013-01-25

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 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 60810:2003 /FprA 2:2012**

Lamps for road vehicles - Performance requirements  
(IEC 60810:2003/A2:201X)

**Data Limite:** 2013-01-11

SR 34A

**EN 60901:1996 /FprA 6:2012**

Single-capped fluorescent lamps - Performance specifications  
(IEC 60901:1996/A6:201X)

**Data Limite:** 2013-02-08

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 46F

**FprEN 61169-26:2012**

Radio-frequency connectors Part 26: Sectional specification for TNCA series RF coaxial connector  
(IEC 61169-26:201X)

**Data Limite:** 2013-01-11

SR 47

**FprEN 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 package - Design guide for fine-pitch ball grid array (FBGA)  
(IEC 60191-6-5:201X)

**Data Limite:** 2012-12-07

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 48D

**FprEN 62610-4:2012**

Mechanical structures for electronic equipment - Thermal management Part 4: Cooling performance tests for water supplied heat exchangers in electronic cabinets

(IEC 62610-4:201X)

**Data Limite:** 2013-01-25

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 60679-3:2012**

Quartz crystal controlled oscillators of assessed quality

Part 3: Standard outlines and lead connections

(IEC 60679-3:201X)

**Data Limite:** 2012-12-07

SR 65B

**FprEN 61499-4:2012**

Function blocks Part 4: Rules for compliance profiles

(IEC 61499-4:201X)

**Data Limite:** 2013-01-11

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 70

**EN 60529:1991 /FprA 2:2012**

Degrees of protection provided by enclosures (IP Code)

(IEC 60529:1989/A2:201X)

**Data Limite:** 2013-01-11

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 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:** 2013-01-11

SR 87

**EN 61157:2007 /FprA 1:2012**

Standard means for the reporting of the acoustic output of medical diagnostic ultrasonic equipment

(IEC 61157:2007/A1:201X)

**Data Limite:** 2013-01-04

SR 87

**FprEN 61161:2012**

Ultrasonics - Power measurement - Radiation force balances and performance requirements

(IEC 61161:201X)

**Data Limite:** 2013-01-11

SR 87

**EN 62127-1:2007 /FprA 1:2012**

Ultrasonics - Hydrophones Part 1: Measurement and characterization of medical ultrasonic fields up to 40 MHz

(IEC 62127-1:2007/A1:201X)

**Data Limite:** 2013-01-04

SR 87

**EN 62127-2:2007 /FprA 1:2012**

Ultrasonics - Hydrophones Part 2: Calibration for ultrasonic fields up to 40 MHz

(IEC 62127-2:2007/A1:201X)

**Data Limite:** 2013-01-11

SR 89

**FprEN 60695-1-40:2012**

Fire hazard testing Part 1-40: Guidance for assessing the fire hazard of electrotechnical products - Insulating liquids  
(IEC 60695-1-40:201X)

**Data Limite:** 2013-01-11

SR 89

**FprEN 60695-2-11:2012**

Fire hazard testing Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products  
(IEC 60695-2-11:201X)

**Data Limite:** 2013-01-11

SR 89

**EN 60695-2-12:2010 /FprA 1:2012**

Fire hazard testing Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials  
(IEC 60695-2-12:2010/A1:201X)

**Data Limite:** 2013-01-18

SR 89

**EN 60695-2-13:2010 /FprA 1:2012**

Fire hazard testing Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials  
(IEC 60695-2-13:2010/A1:201X)

**Data Limite:** 2013-01-18

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 89

**FprEN 60695-10-2:2012**

Fire hazard testing  
Part 10-2 : Abnormal heat - Ball pressure test  
(IEC 60695-10-2:201X)

**Data Limite:** 2013-01-11

SR 89

**FprEN 60695-11-2:2012**

Fire hazard testing Part 11-2: Test flames - 1 kW nominal pre-mixed flame: Apparatus, confirmatory test arrangement and guidance  
(IEC 60695-11-2:201X)

**Data Limite:** 2013-01-18

SR 90

**FprEN 61788-16:2012**

Superconductivity Part 16: Electronic characteristic measurements - Power-dependent surface resistance of superconductors at microwave frequencies  
(IEC 61788-16:201X)

**Data Limite:** 2012-12-14

SR 90

**FprEN 61788-17:2012**

Superconductivity Part 17: Electronic characteristic measurements- Local critical current density and its distribution in large-area superconducting films  
(IEC 61788-17:201X)

**Data Limite:** 2012-12-14

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 61193-3:2012**

Quality assessment systems Part 3: Selection and use of sampling plans for printed board and laminate end-product and in-process auditing  
(IEC 61193-3:201X)

**Data Limite:** 2013-01-04

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 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

**FprEN 61558-2-26:2012**

Safety of transformers, reactors, power supply units and combinations thereof Part 2-26: Particular requirements and tests for transformers and power supply units for saving energy and other purposes

(IEC 61558-2-26:201X)

**Data Limite:** 2013-01-11

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 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 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 110

**FprEN 62629-22-1:2012**

3D Display Devices Part 22-1: Measuring methods for autostereoscopic displays - Optical

(IEC 62629-22-1:201X)

**Data Limite:** 2013-01-11

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

SR 113

**FprEN 62607-3-1:2012**

Nanomanufacturing - Key control characteristics Part 3-1: Luminescent nanomaterials - Quantum efficiency

(IEC 62607-3-1:201X)

**Data Limite:** 2013-02-01

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 9X

**prEN 50126-1:2012**

Railway applications - The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) Part 1: Generic RAMS process

**Data Limite:** 2013-03-29

TC 9X

**prEN 50126-2:2012**

Railway applications - The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) Part 2: Systems approach to safety

**Data Limite:** 2013-03-29

TC 9X

**prEN 50126-4:2012**

Railway applications - The Specification and Demonstration of Reliability, Availability,

Maintainability and Safety (RAMS) Part 4: Functional safety - Electrical/Electronic/Programmable electronic systems

**Data Limite:** 2013-03-29

TC 9X

**prEN 50126-5:2012**

Railway applications - The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) Part 5: Functional Safety - Software

**Data Limite:** 2013-03-29

TC 13

**FprEN 62053-24:2012**

Electricity metering equipment (a.c.) - Particular requirements Part 24: Static meters for fundamental component reactive energy (classes 0,5 S, 1S and 1) (IEC 62053-24:201X)

**Data Limite:** 2013-02-01

TC 14

**FprEN 50541:2012**

Three phase dry-type distribution transformers 50 Hz, from 100 kVA to 3150 kVA, with highest voltage for equipment not exceeding 36 kV Part 2: Determination of the power rating of a transformer loaded with non-sinusoidal current

**Data Limite:** 2013-03-08

TC 17B

**EN 60947-2:2006 /FprA 2:2012**

Low-voltage switchgear and controlgear Part 2: Circuit-breakers (IEC 60947-2:2006/A2:201X)

**Data Limite:** 2012-12-14

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 17AC

**EN 62271-102:2002 /FprA 2:2012**

High-voltage switchgear and controlgear Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102:2001/A2:201X)

**Data Limite:** 2013-01-11

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 62271-211:2012**

High-voltage switchgear and controlgear Part 211: Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 kV

(IEC 62271-211:201X)

**Data Limite:** 2013-01-11

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 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 (Um = 42 kV) up to 150 kV (Um = 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 60974-2:2012**

Arc welding equipment Part 2: Liquid coolings systems  
(IEC 60974-2:201X)

**Data Limite:** 2012-12-07

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 31

**FprEN 60079-5:2012**

Explosive atmospheres Part 5: Equipment protection by  
powder filling "q"  
(IEC 60079-5:201X)

**Data Limite:** 2013-01-11

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

**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 62442-3:2012**

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 :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 45AX

**FprEN 61513:2012**

Nuclear power plants - Instrumentation and control  
important to safety - General requirements for systems  
(IEC 61513:2011)

**Data Limite:** 2012-12-07

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 45AX

**FprEN 61772:2012**

Nuclear power plants - Control rooms - Application of  
Visual Display Units (VDUs)  
(IEC 61772:2009)

**Data Limite:** 2012-12-07

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 61850-10:2012**

Communication networks and systems for power utility  
automation Part 10: Conformance testing  
(IEC 61850-10:201X)

**Data Limite:** 2012-11-23

TC 57

**FprEN 61968-11:2012**

Application integration at electric utilities - System  
interfaces for distribution management Part 11: Common  
information model (CIM) extensions for distribution  
(IEC 61968-11:201X)

**Data Limite:** 2013-01-11

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 62325-451-1:2012**

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 60704-2-14:2012**

Household and similar electrical appliances - Test code  
for the determination of airborne acoustical noise Part  
2-14: Particular requirements for refrigerators,  
frozen-food storage cabinets and food freezers  
(IEC 60704-2-14:201X)

**Data Limite:** 2013-01-11

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 60335-2-7:2010 /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 /FprABB: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 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 60335-2-30:2009 /FprA 1:2012**

Household and similar electrical appliances - Safety Part  
2-30: Particular requirements for room heaters  
(IEC 60335-2-30:2009/A1:201X)

**Data Limite:** 2012-12-14

TC 61

**EN 60335-2-30:2009 /FprAB :2012**

Household and similar electrical appliances - Safety Part  
2-30: Particular requirements for room heaters

**Data Limite:** 2013-01-11

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 60335-2-76:2005 /prA E:2012**

Household and similar electrical appliances - Safety Part  
2-76: Particular requirements for electric fence  
energizers

**Data Limite:** 2013-03-15

TC 61

**EN 60335-2-76:2005 /prA F:2012**

Household and similar electrical appliances - Safety Part  
2-76: Particular requirements for electric fence  
energizers

**Data Limite:** 2013-03-15

TC 61

**EN 60335-2-76:2005 /prA G:2012**

Household and similar electrical appliances - Safety Part  
2-76: Particular requirements for electric fence  
energizers

**Data Limite:** 2013-03-15

TC 62

**EN 60601-1-3:2008 /FprA 1:2012**

Medical electrical equipment Part 1-3: General  
requirements for basic safety and essential performance  
- Collateral Standard: Radiation protection in  
diagnostic X-ray equipment  
(IEC 60601-1-3:2008/A1:201X)

**Data Limite:** 2013-01-18

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

**FprEN 60601-2-11:2012**

Medical electrical equipment Part 2-11: Particular requirements for basic safety and essential performance of gamma beam therapy equipment  
(IEC 60601-2-11:201X)

**Data Limite:** 2012-12-14

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 50573-5-57:2012**

Electrical devices coordination

**Data Limite:** 2013-04-12

TC 64

**FprEN 60364-7-722:2012**

Low-voltage electrical installations Part 7-722: Requirements for special installations or locations - Supply of electric vehicle  
(IEC 60364-7-722:201X)

**Data Limite:** 2013-01-18

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 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 69X

**FprEN 61851-24:2012**

Electric vehicle conductive charging system Part 24: Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging  
(IEC 61851-24:201X)

**Data Limite:** 2013-02-01

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

**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 82

**EN 50530:2010 /FprA A:2012**

Overall efficiency of grid connected photovoltaic inverters

**Data Limite:** 2012-11-16

TC 82

**EN 50548:2011 /FprA 1:2012**

Junction boxes for photovoltaic modules

**Data Limite:** 2013-03-08

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 86BXA

**prEN 50516-3-1:2012**

Industrial connector sets and interconnect components to be used in optical fibre control and communication systems - Product specifications Part 3-1: Type ODVA APC terminated on EN 60793-2-50 category B1.1 and B1.3 singlemode fibre to meet the requirements of category I (industrial environments) as specified in EN 50173-1 and IEC 61753-1-3

**Data Limite:** 2013-03-15

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

**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 60794-3-12:2012**

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 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 61300-3-4:2012**

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 61753-056-2:2012**

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 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 99X

**EN 61936-1:2010 /FprA 1:2012**

Power installations exceeding 1 kV a.c. Part 1: Common rules (IEC 61936-1:2010/A1:201X)

**Data Limite:** 2013-02-08

TC 100X

**FprA 61883-6:2012**

Consumer audio/video equipment - Digital interface Part 6: Audio and music data transmission (IEC 61883-6:2005/A1:201X)

**Data Limite:** 2012-11-09

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 62731:2012**

Text-to-speech for television - General requirements (IEC 62731:201X)

**Data Limite:** 2013-01-04

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 106X

**FprEN 50566:2012**

Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz)

**Data Limite:** 2013-01-04

TC 116

**EN 60745-2-3:2011 /FprA 2:2012**

Hand-held motor-operated electric tools - Safety Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (IEC 60745-2-3:2006 /A2:2012)

**Data Limite:** 2013-01-18

TC 116

**EN 60745-2-22:2011 /FprAB: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 62841-1:2012**

Electric Motor - Operated Hand-Held, Transportable Tools and Lawn and Garden Machinery - Safety Part 1: General requirements (IEC 62841-1:201X)

**Data Limite:** 2013-01-11

TC 116

**FprEN 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 (IEC 62841-2-2:201X)

**Data Limite:** 2013-01-11

TC 116

**FprEN 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 (IEC 62841-2-4:201X)

**Data Limite:** 2013-01-11

TC 116

**FprEN 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 (IEC 62841-3-1:201X)

**Data Limite:** 2013-01-04

TC 116

**FprEN 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 (IEC 62841-3-6:201X)

**Data Limite:** 2013-01-04

TC 209

**FprEN 60728-1:2012**

Cable networks for television signals, sound signals and interactive services Part 1: System performance of forward paths (TA5) (IEC 60728-1:201X)

**Data Limite:** 2013-01-18

TC 209

**FprEN 60728-1-1:2012**

Cable networks for television signals sound signals and interactive services Part 1-1: RF cabling for two way home networks (IEC 60728-1-1:201X)

**Data Limite:** 2013-02-01

TC 209

**FprEN 60728-1-2:2012**

Cable networks for television signals, sound signals and interactive services Part 1-2: Performance requirements for signals delivered at the system outlet in operation (IEC 60728-1-2:201X)

**Data Limite:** 2013-01-18

TC 209

**FprEN 60728-10:2012**

Cable networks for television signals, sound signals and interactive services Part 10: System performance for

return paths

(IEC 60728-10:201X)

**Data Limite:** 2013-02-01

TC 209

**FprEN 60728-14:2012**

Cable networks for television signals, sound signals and interactive services Part 14: Optical transmission systems using RFoG technology (IEC 60728-14:201X)

**Data Limite:** 2013-02-01

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

**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.

TC JWGFPR

**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 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 301908-2:2012**

IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive Part 2: CDMA Direct Spread (UTRA FDD)

**Data Limite:** 2012-11-09

User Equipment (UE)

**Data Limite:** 2012-12-17

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 302307:2012**

Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications (DVB-S2)

**Data Limite:** 2013-03-01

TC ETSI

**prEN 302663:2012**

Intelligent Transport Systems (ITS); Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band

**Data Limite:** 2013-03-01

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 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

TC ETSI

**prEN 319401:2012**

Electronic Signatures and Infrastructures (ESI); General Policy Requirements for Trust Service Providers supporting Electronic Signatures

**Data Limite:** 2013-01-08

## 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.

**DIS 2588:2012**

Leather Sampling Number of items for a gross sample

**Data Limite:** 2013-03-04**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**DIS 17070:2012**

Leather Chemical tests Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentchlorophenol content

**Data Limite:** 2013-01-02**DIS 17234-1:2012**

Leather Chemical tests for the determination of certain azo colorants in dyed leathers Part 1: Determination of certain aromatic amines derived from azo colorants

**Data Limite:** 2013-03-04**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**FDIS 52915:2012**

Standard specification for additive manufacturing file format (AMF) Version 1.11

**Data Limite:** 2013-03-26**FDIS 52921:2012**Standard terminology for additive manufacturing—  
Coordinate systems and test methodologies**Data Limite:** 2013-03-26

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 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 4

**DIS 12044:2012**

Rolling bearings Single-row angular contact ball bearings Chamfer dimensions for outer ring non-thrust side

**Data Limite:** 2013-01-10

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  
**FDIS 22891:2012**  
Paper Determination of transmittance by diffuse reflectance measurement  
**Data Limite:** 2012-12-22

TC 6  
**DIS 23714:2012**  
Pulps Determination of water retention value (WRV)  
**Data Limite:** 2012-12-11

TC 8  
**DIS 8277:2012**  
Shipbuilding Pipework Information transfer  
**Data Limite:** 2013-01-29

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 16707:2012**  
Ships and marine technology Marine evacuation systems Determination of capacity  
**Data Limite:** 2013-01-04

TC 8  
**DIS 17682:2012**  
Ships and marine technology Methodology for launching ship utilizing air bags  
**Data Limite:** 2013-01-15

TC 8  
**DIS 24409-3:2012**  
Ships and marine technology Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings  
Part 3: Code of practice  
**Data Limite:** 2012-11-11

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  
**DIS 129-1:2012**  
Technical drawings Indication of dimensions and tolerances Part 1: General principles  
**Data Limite:** 2012-12-10

TC 10  
**DIS 16792:2012**  
Technical product documentation Digital product definition data practices  
**Data Limite:** 2013-04-01

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 15887:2012**  
Space data and information transfer systems Data systems Lossless data compression  
**Data Limite:** 2012-12-02

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 16378:2012**  
Space systems Measurements of thermo-optical properties of thermo control materials  
**Data Limite:** 2013-01-09

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 18201:2012**  
Space data and information transfer systems Missions operations reference model  
**Data Limite:** 2013-02-03

TC 20  
**DIS 18202:2012**  
Space data and information transfer systems Mission operations message abstraction layer  
**Data Limite:** 2013-02-03

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

**FDIS 7240-23:2012**

Fire detection and alarm systems Part 23: Visual alarm devices

**Data Limite:** 2012-11-28

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

**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 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

**DIS 15118-3:2012**

Road vehicles Vehicle to grid Communication Interface Part 3: Physical and data link layer requirements

**Data Limite:** 2013-02-02

TC 22

**ISO 15765-4:2011 /FDAM 1:2012**

Road vehicles Diagnostic communication over Controller Area Network (DoCAN) Part 4: Requirements for emissions-related systems

Amendment 1

**Data Limite:** 2013-01-01

TC 22

**FDIS 16750-3:2012**

Road vehicles Environmental conditions and testing for electrical and electronic equipment

Part 3: Mechanical loads

**Data Limite:** 2012-12-05

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 20653:2012**

Road vehicles Degrees of protection (IP-Code) Protection of electrical equipment against foreign objects, water and access

**Data Limite:** 2012-12-10

TC 22

**FDIS 23274-1:2012**

Hybrid-electric road vehicles Exhaust emissions and fuel consumption measurements Part 1: Non-externally chargeable vehicles

**Data Limite:** 2012-12-10

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 11783-14:2012**

Tractors and machinery for agriculture and forestry Serial control and communications data network Part 14: Sequence control

**Data Limite:** 2012-12-10

TC 23

**DIS 12934-1:2012**

Tractors and machinery for agriculture and forestry Basic types Part 1: Definitions and classification

**Data Limite:** 2013-01-30

TC 23

**FDIS 13693-1:2012**

Irrigation equipment Safety devices for chemigation Part 1: Small plastics valves for chemigation

**Data Limite:** 2012-12-05

TC 23

**FDIS 16119-1:2012**

Agricultural and forestry machinery Environmental requirements and testing for sprayers Part 1: General

**Data Limite:** 2012-12-04

TC 23

**FDIS 16119-2:2012**

Agricultural and forestry machinery Environmental requirements and testing for sprayers Part 2: Horizontal boom sprayers

**Data Limite:** 2012-12-04

TC 23

**FDIS 16119-3:2012**

Agricultural and forestry machinery Environmental requirements and testing for sprayers Part 3: Sprayers for bush and tree crops

**Data Limite:** 2012-12-04

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 9276-2:2012**

Representation of results of particle size analysis Part 2: Calculation of average particle sizes/diameters and moments from particle size distributions

**Data Limite:** 2013-01-09

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 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

**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 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

**FDIS 5526:2012**

Cereals, pulses and other food grains Nomenclature

**Data Limite:** 2013-01-01

TC 34

**DIS 5527:2012**

Cereals Vocabulary

**Data Limite:** 2012-12-12

TC 34

**FDIS 8586:2012**

Sensory analysis General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors

**Data Limite:** 2012-12-05

TC 34

**ISO 8587:2006 /FDAM 1:2012**

Sensory analysis Methodology Ranking

AMENDMENT 1

**Data Limite:** 2012-12-24

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

**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 34  
**FDIS 21572:2012**  
Foodstuffs Molecular biomarker analysis Protein-based methods  
**Data Limite:** 2012-12-11

TC 35  
**FDIS 1524:2012**  
Paints, varnishes and printing inks Determination of fineness of grind  
**Data Limite:** 2013-01-01

TC 35  
**FDIS 2409:2012**  
Paints and varnishes Cross-cut test  
**Data Limite:** 2012-12-25

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  
**FDIS 11890-2:2012**  
Paints and varnishes Determination of volatile organic compound (VOC) content Part 2: Gas-chromatographic method  
**Data Limite:** 2012-12-25

TC 35  
**DIS 13803:2012**  
Paints and varnishes Determination of reflection haze on paint films at 20 degrees  
**Data Limite:** 2013-02-27

TC 35  
**FDIS 15110:2012**  
Paints and varnishes Artificial weathering including acidic deposition  
**Data Limite:** 2013-01-01

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  
**DIS 13611:2012**  
Interpreting Guidelines for community interpreting  
**Data Limite:** 2013-01-31

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 38  
**FDIS 105-E01:2012**  
Textiles Tests for colour fastness Part E01: Colour fastness to water  
**Data Limite:** 2012-11-13

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 1833-22:2012**  
Textiles Quantitative chemical analysis Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell and flax fibres (method using formic acid and zinc chloride)  
**Data Limite:** 2013-01-01

TC 38  
**FDIS 1833-26:2012**  
Textiles Quantitative chemical analysis Part 26: Mixtures of melamine and cotton or aramide fibres (method using hot formic acid)  
**Data Limite:** 2013-01-01

TC 38  
**DIS 2076:2012**  
Textiles Man-made fibres Generic names  
**Data Limite:** 2012-12-19

TC 38  
**DIS 14389:2012**  
Textiles Determination of the content of phthalates  
**Data Limite:** 2013-01-01

TC 38  
**DIS 15625:2012**  
Protein fibres Electronic test method for defects and evenness of raw silk  
**Data Limite:** 2013-01-29

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 340:2012**

Conveyor belts Laboratory scale flammability characteristics Requirements and test method

**Data Limite:** 2012-12-20

TC 41

**FDIS 5294:2012**

Synchronous belt drives Pulleys

**Data Limite:** 2012-11-17

TC 41

**DIS 10247:2012**

Conveyor belts Characteristics of covers Classification

**Data Limite:** 2013-01-01

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 21178:2012**

Light conveyor belts Determination of electrical resistances

**Data Limite:** 2013-01-01

TC 41

**FDIS 21179:2012**

Light conveyor belts Determination of the electrostatic field generated by a running light conveyor belt

**Data Limite:** 2013-01-01

TC 41

**FDIS 21180:2012**

Light conveyor belts Determination of the maximum tensile strength

**Data Limite:** 2012-12-11

TC 41

**FDIS 21181:2012**

Light conveyor belts Determination of the relaxed elastic modulus

**Data Limite:** 2012-12-11

TC 41

**FDIS 21182:2012**

Light conveyor belts Determination of the coefficient of friction

**Data Limite:** 2012-12-11

TC 42

**DIS 12233:2012**

Photography - Electronic still picture imaging - Resolution and spatial frequency responses

**Data Limite:** 2012-11-20

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

**FDIS 18907:2012**

Imaging materials - Photographic films and papers - Wedge test for brittleness

(Rev. 18907:2000)

**Data Limite:** 2012-12-19

TC 42

**FDIS 18914:2012**

Imaging materials - Photographic film and papers - Method for determining the resistance of photographic emulsions to wet abrasion

(Rev. 18914:2002)

**Data Limite:** 2012-12-19

TC 42

**FDIS 18924:2012**

Imaging materials - Test method for Arrhenius-type predictions

(Rev. 18924:2000)

**Data Limite:** 2012-12-19

TC 42

**FDIS 18925:2012**

Imaging materials - Optical disc media - Storage practices

(Rev.18925:2008)

**Data Limite:** 2012-12-19

TC 42

**FDIS 18928:2012**

Imaging materials - Unprocessed photographic films and papers - Storage practices

(Rev.18928:2002)

**Data Limite:** 2012-12-19

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

**FDIS 717-1:2012**

Acoustics Rating of sound insulation in buildings and of building elements Part 1: Airborne sound insulation

**Data Limite:** 2012-12-04

TC 43

**FDIS 717-2:2012**

Acoustics Rating of sound insulation in buildings and of building elements Part 2: Impact sound insulation

**Data Limite:** 2012-12-04

TC 43

**ISO 20906:2009 /DAM 1:2012**

Acoustics Unattended monitoring of aircraft sound in the vicinity of airports AMENDMENT 1

**Data Limite:** 2013-01-15

TC 44

**FDIS 9455-16:2012**

Soft soldering fluxes

Test methods Part 16: Flux efficacy test, wetting

balance method

**Data Limite:** 2013-01-01

TC 44

**DIS 14114:2012**

Gas welding equipment Acetylene manifold systems for welding, cutting and allied processes General requirements

**Data Limite:** 2013-03-11

TC 44

**DIS 14555:2012**

Welding Arc stud welding of metallic materials

**Data Limite:** 2013-01-02

TC 44

**FDIS 15609-6:2012**

Specification and qualification of welding procedures for metallic materials Welding procedure specification Part 6: Laser-arc hybrid welding

**Data Limite:** 2012-12-25

TC 44

**FDIS 16338:2012**

Welding for aerospace applications Resistance spot and seam welding

**Data Limite:** 2012-12-11

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 1432:2012**

Rubber, vulcanized or thermoplastic Determination of low-temperature stiffening (Gehman test)

**Data Limite:** 2012-12-10

TC 45

**ISO 3384-1:2011 /FDAM 1:2012**

Rubber, vulcanized or thermoplastic Determination of stress relaxation in compression Part 1: Testing at constant temperature

AMENDMENT 1: Revised calibration schedule

**Data Limite:** 2013-01-01

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

**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 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 54

**FDIS 4719:2012**

Essential oil of spike lavender (*Lavandula latifolia* (L.f.) Medikus), Spanish type

**Data Limite:** 2012-12-02

TC 54

**FDIS 4731:2012**

Essential oil of geranium (*Pelargonium* × ssp.)

**Data Limite:** 2012-12-02

TC 54

**DIS 25157:2012**

Essential oil of rose, Chinese Kushui type (*Rosa sertata* × *Rosa rugosa*)

**Data Limite:** 2013-01-31

TC 58

**DIS 5145:2012**

Cylinder valve outlets for gases and gas mixtures Selection and dimensioning

**Data Limite:** 2012-11-25

TC 58

**DIS 9809-4:2012**

Gas cylinders Refillable seamless steel gas cylinders - Design, construction and testing Part 4: Stainless steel cylinders with an Rm value of less than 1 100 MPa

**Data Limite:** 2013-02-05

TC 58

**DIS 10297:2012**

Gas cylinders Cylinder valves Specification and type testing

**Data Limite:** 2012-12-19

TC 58

**FDIS 11515:2012**

Gas cylinders Refillable composite reinforced tubes of water capacity between 450 L and 3 000 L Design,

construction and testing  
**Data Limite:** 2012-12-29

TC 58  
**DIS 11623:2012**  
Gas cylinders Composite construction Periodic inspection and testing  
**Data Limite:** 2013-03-11

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  
**DIS 15114:2012**  
Fibre-reinforced plastic composites Determination of the mode II fracture resistance for unidirectionally reinforced materials using the calibrated end-loaded split (C-ELS) test and an effective crack length approach  
**Data Limite:** 2013-01-08

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 67  
**FDIS 13705:2012**  
Petroleum, petrochemical and natural gas industries Fired heaters for general refinery service  
**Data Limite:** 2012-11-13

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 67  
**FDIS 27509:2012**  
Petroleum and natural gas industries Compact flanged connections with IX seal ring  
**Data Limite:** 2012-12-04

TC 68  
**DIS 6166:2012**  
Securities and related financial instruments International securities identification numbering system (ISIN)  
**Data Limite:** 2012-12-10

TC 69  
**DIS 3534-4:2012**  
Statistics Vocabulary and symbols Part 4: Survey sampling  
**Data Limite:** 2012-12-25

TC 69  
**FDIS 22514-6:2012**  
Statistical methods in process management Capability and performance Part 6: Process capability statistics for characteristics following a multivariate normal distribution  
**Data Limite:** 2012-12-02

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 71  
**FDIS 13315-1:2011**  
Environmental management for concrete and concrete structures Part 1: General principles  
**Data Limite:** 2013-01-02

TC 79  
**FDIS 28340:2012**  
Combined coatings on aluminium General specifications for combined coatings of electrophoretic organic coatings and anodic oxidation coatings on aluminium  
**Data Limite:** 2012-12-29

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 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

**DIS 16494:2012**

Heat recovery ventilators and energy recovery ventilators Method of test for performance

**Data Limite:** 2013-01-17

TC 89

**DIS 1096:2012**

Plywood Classification

**Data Limite:** 2013-01-05

TC 89

**DIS 13608:2012**

Decorative veneered plywood

**Data Limite:** 2013-01-05

TC 89

**DIS 13609:2012**

Blockboards and battenboards

**Data Limite:** 2013-01-05

TC 91

**DIS 16560:2012**

Surface active agents (non-ionic) Determination of polyethylene glycols in nonionic ethylene-oxide-surfactants HPLC method

**Data Limite:** 2013-01-22

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

**DIS 3008-2:2012**

Fire-resistance tests Part 2: Lift landing door assemblies

**Data Limite:** 2013-01-29

TC 92

**FDIS 14934-2:2012**

Fire tests Calibration and use of heat flux meters Part 2: Primary calibration methods

**Data Limite:** 2013-01-06

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

TC 94

**FDIS 6529:2012**

Protective clothing

Protection against chemicals Determination of resistance of protective clothing materials to permeation by liquids and gases

**Data Limite:** 2012-12-23

TC 94

**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

**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 11031:2012**

Cranes Design principles for seismic load

**Data Limite:** 2013-01-10

TC 96

**DIS 16715:2012**

Cranes Hand signals used with cranes

**Data Limite:** 2013-01-29

TC 96

**DIS 16716:2012**

Cranes Monitoring for crane design life

**Data Limite:** 2013-02-05

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

**FDIS 17712:2012**

Freight containers Mechanical seals

**Data Limite:** 2012-12-23

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 20795-1:2012**

Dentistry Base polymers Part 1: Denture base polymers

**Data Limite:** 2012-12-25

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

**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 108

**DIS 21940-31:2012**

Mechanical vibration Rotor balancing Part 31:

Susceptibility and sensitivity of machines to unbalance

**Data Limite:** 2013-01-22

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 117

**DIS 27327-2:2012**

Fans Air curtain units Part 2: Laboratory methods of

testing for sound power

**Data Limite:** 2013-01-01

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 4492:2012**

Metallic powders, excluding powders for hardmetals

Determination of dimensional changes associated with

compacting and sintering

**Data Limite:** 2012-12-25

TC 121

**DIS 5359:2012**

Anaesthetic and respiratory equipment Low-pressure

hose assemblies for use with medical gases

**Data Limite:** 2013-04-01

TC 121  
**DIS 18082:2012**  
Anaesthetic and respiratory equipment  
Non-interchangeable screw-threaded (NIST) low pressure  
connectors for medical gases  
**Data Limite:** 2013-04-01

TC 121  
**DIS 80601-2-69:2012**  
Medical Electrical Equipment Part 2-69: Particular  
requirements for basic safety and essential performance  
of oxygen concentrator equipment  
**Data Limite:** 2013-03-25

TC 122  
**FDIS 17363:2012**  
Supply chain applications of RFID Freight containers  
**Data Limite:** 2012-12-05

TC 122  
**FDIS 17364:2012**  
Supply chain applications of RFID Returnable transport  
items (RTIs) and returnable packaging items (RPIs)  
**Data Limite:** 2012-12-05

TC 122  
**FDIS 17365:2012**  
Supply chain applications of RFID Transport units  
**Data Limite:** 2012-12-05

TC 122  
**FDIS 17366:2012**  
Supply chain applications of RFID Product packaging  
**Data Limite:** 2012-12-05

TC 122  
**FDIS 17367:2012**  
Supply chain applications of RFID Product tagging  
**Data Limite:** 2012-12-05

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 126  
**FDIS 7210:2012**  
Routine analytical cigarette-smoking machine Additional  
test methods for machine verification  
**Data Limite:** 2012-12-10

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 16055:2012**  
Tobacco and tobacco products Monitor test piece  
Requirements and use  
**Data Limite:** 2012-12-02

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 15397:2012**  
Graphic Technology Communication of graphic paper  
properties  
**Data Limite:** 2013-02-05

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

**FDIS 11170:2012**

Hydraulic fluid power Sequence of tests for verifying performance characteristics of filter elements

**Data Limite:** 2012-12-16

TC 131

**DIS 19973-4:2012**

Pneumatic fluid power Assessment of component reliability by testing Part 4: Pressure regulators

**Data Limite:** 2013-01-03

TC 131

**DIS 19973-5:2012**

Pneumatic fluid power Assessment of component reliability by testing Part 5: Non-return valves, shuttle valves, dual pressure valves, one-way adjustable flow control valves, quick-exhaust valves

**Data Limite:** 2013-01-03

TC 135

**FDIS 3059:2012**

Non-destructive testing Penetrant testing and magnetic particle testing Viewing conditions

**Data Limite:** 2012-11-20

TC 135

**DIS 16946:2012**

Non-destructive testing Ultrasonic testing Specification for step wedge calibration block

**Data Limite:** 2012-12-19

TC 135

**DIS 17405:2012**

Non-destructive testing Ultrasonic testing Technique of testing claddings produced by welding, rolling and explosion

**Data Limite:** 2013-03-04

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

**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 15874-2:2012**

Plastics piping systems for hot and cold water installations Polypropylene (PP) Part 2: Pipes

**Data Limite:** 2012-12-04

TC 138

**FDIS 15874-3:2012**

Plastics piping systems for hot and cold water installations Polypropylene (PP) Part 3: Fittings

**Data Limite:** 2012-12-04

TC 138

**FDIS 15874-5:2012**

Plastics piping systems for hot and cold water installations Polypropylene (PP) Part 5: Fitness for purpose of the system

**Data Limite:** 2012-12-04

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 16000-27:2012**

Indoor air Part 27: Determination of settled fibrous dust on surfaces by SEM (scanning electron microscopy) (direct method)

**Data Limite:** 2013-01-29

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

**DIS 13165-2:2012**

Water quality Radium 226 Part 2: Test method using emanometry

**Data Limite:** 2013-01-29

TC 147

**DIS 13166-1:2012**

Water quality Uranium isotopes Part 1: Test method using alpha spectrometry

**Data Limite:** 2013-01-22

TC 147

**DIS 17994:2012**

Water quality Requirements for the comparison of the relative recovery of microorganisms by two quantitative methods

**Data Limite:** 2013-03-04

TC 149

**DIS 8098:2012**

Cycles Safety requirements for bicycles for young children

**Data Limite:** 2013-03-04

TC 150

**FDIS 5838-1:2012**

Implants for surgery Metallic skeletal pins and wires Part 1: General requirements

**Data Limite:** 2012-12-23

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

**DIS 5841-3:2012**

Implants for surgery Cardiac pacemakers Part 3: Low-profile connectors (IS-1) for implantable pacemakers

**Data Limite:** 2013-01-15

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

**ISO 8044:1999 /DAM 1:2012**

Corrosion of metals and alloys Basic terms and definitions AMENDMENT 1

**Data Limite:** 2013-03-25

TC 156

**FDIS 13174:2012**

Cathodic protection of harbour installations

**Data Limite:** 2012-11-27

TC 159

**FDIS 9241-154:2012**

Ergonomics of human-system interaction Part 154: Interactive voice response (IVR) applications

**Data Limite:** 2012-12-04

TC 162

**DIS 13316:2012**

Terminology for doors and windows

**Data Limite:** 2013-01-15

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 171

**DIS 14739-1:2012**

Document management - 3D use of Product Representation Compact (PRC) format Part 1: PRC 10001

**Data Limite:** 2012-12-15

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:** 2012-11-05

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:** 2012-11-09

TC 172

**DIS 19012-1:2012**

Microscopes Designation of microscope objectives Part 1: Flatness of field/Plan

**Data Limite:** 2013-01-08

TC 173

**DIS 7176-1:2012**

Wheelchairs Part 1: Determination of static stability

**Data Limite:** 2013-01-15

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 18091:2012**

Quality management systems Guidelines for the application of ISO 9001:2008 in local government

**Data Limite:** 2012-12-27

TC 180

**FDIS 9459-4:2012**

Solar heating Domestic water heating systems Part 4: System performance characterization by means of component tests and computer simulation

**Data Limite:** 2012-12-11

TC 184

**FDIS 14306:2012**

Industrial automation systems and integration JT file format specification for 3D visualization

**Data Limite:** 2012-12-11

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

**ISO 12215-5:2008 /DAM 1:2012**

Small craft Hull construction and scantlings Part 5: Design pressures for monohulls, design stresses, scantlings determination

AMENDMENT 1

**Data Limite:** 2013-03-04

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

**ISO 16147:2002 /FDAM 1:2012**

Small craft Inboard diesel engines Engine-mounted fuel and electrical components

AMENDMENT 1

**Data Limite:** 2013-01-01

TC 188

**FDIS 16180:2012**

Small craft Navigation lights Installation, placement and visibility

**Data Limite:** 2012-12-11

TC 188

**DIS 16315:2012**

Small craft Electric propulsion system

**Data Limite:** 2013-03-25

TC 190

**DIS 11267:2012**

Soil quality Inhibition of reproduction of *Collembola* (*Folsomia candida*) by soil pollutants

**Data Limite:** 2013-02-06

TC 190

**DIS 13914:2012**

Soil quality Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high-resolution mass selective detection (HR GC/MS)

**Data Limite:** 2012-11-11

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 15399:2012**

Gaseous hydrogen Cylinders and tubes for stationary storage

**Data Limite:** 2012-12-27

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

**DIS 11140-1:2012**

Sterilization of health care products Chemical indicators Part 1: General requirements

**Data Limite:** 2013-01-23

TC 201

**FDIS 16413:2012**

Evaluation of thickness, density and interface width of thin films by X-ray reflectometry Instrumental requirements, alignment and positioning, data collection, data analysis and reporting

**Data Limite:** 2013-01-02

TC 202

**FDIS 23833:2012**

Microbeam analysis Electron probe microanalysis (EPMA) Vocabulary

**Data Limite:** 2012-12-22

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 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 206

**FDIS 18754:2012**

Fine ceramics (advanced ceramics, advanced technical ceramics) Determination of density and apparent porosity

**Data Limite:** 2012-12-31

TC 206

**FDIS 23146:2012**

Fine ceramics (advanced ceramics, advanced technical ceramics) Test methods for fracture toughness of monolithic ceramics Single-edge V-notch beam (SEVNB) method

**Data Limite:** 2012-12-01

TC 207

**DIS 14067:2012**

Carbon footprint of products Requirements and guidelines for quantification and communication

**Data Limite:** 2012-12-04

TC 209

**FDIS 14644-10:2012**

Cleanrooms and associated controlled environments Part 10: Classification of surface cleanliness by chemical concentration

**Data Limite:** 2013-01-01

TC 211

**FDIS 19117:2012**

Geographic information Portrayal

**Data Limite:** 2012-11-10

TC 211

**FDIS 19145:2012**

Geographic information Registry of representations of geographic point location

**Data Limite:** 2012-12-24

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

**DIS 16610-60:2012**

Geometrical Product Specification (GPS) Filtration Part 60: Linear areal filters - Basic concepts

**Data Limite:** 2013-01-01

TC 213

**DIS 16610-61:2012**

Geometrical Product Specification (GPS) Filtration Part 61: Linear areal filters - Gaussian filters

**Data Limite:** 2013-01-01

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  
**FDIS 21091:2012**  
Health informatics Directory services for healthcare providers, subjects of care and other entities  
**Data Limite:** 2013-01-01

TC 215  
**DIS 21731:2012**  
Health informatics HL7 version 3 - Reference information model Release 1  
**Data Limite:** 2013-01-06

TC 219  
**DIS 11856:2012**  
Textile floor coverings Determination of fibre bind  
**Data Limite:** 2013-01-24

TC 219  
**DIS 16581:2012**  
Resilient Floor Covering Determination of the effect of simulated movement of a furniture leg  
**Data Limite:** 2013-01-22

TC 223  
**FDIS 22313:2012**  
Societal security Business continuity management systems Guidance  
**Data Limite:** 2012-11-28

TC 228  
**DIS 14785:2012**  
Tourist information offices - Tourist information and reception services - Requirements  
**Data Limite:** 2013-01-20

TC 228  
**DIS 21101:2012**  
Adventure tourism - Safety management systems - Requirements  
**Data Limite:** 2013-01-29

TC 228  
**DIS 21103:2012**  
Adventure tourism Information to participants Minimum requirements before, during and after the adventure tourism activity  
**Data Limite:** 2013-01-29

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

## 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 60947-2:2006 /FDIS A2:2012**

Low-voltage switchgear and controlgear  
Part 2: Circuit-breakers

**Data Limite:** 2012-12-14

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 62271-102:2001 /FDIS A2:2012**

High-voltage switchgear and controlgear  
Part 102: Alternating current disconnectors and  
earthing switches (Addition of 1100 kV and 1200 kV)

**Data Limite:** 2013-01-11

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 62271-211:2012**

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 34A  
**IEC 60810:2003 /FDIS A2:2012**  
Lamps for road vehicles - Performance requirements  
**Data Limite:** 2013-01-11
- SC 34A  
**IEC 60901:1996 /CDV A6:2012**  
Single-capped fluorescent lamps - Performance specifications  
**Data Limite:** 2013-02-08
- 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 /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 62442-3:2012**  
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 45A  
**IEC 60987:2007 /FDIS A1:2012**  
Nuclear power plants - Instrumentation and control important to safety - Hardware design requirements for computer-based systems  
**Data Limite:** 2013-01-11
- SC 45B  
**CDV 61577-2:2012**  
Radiation Protection Instrumentation - Radon and radon decay product measuring instruments Part 2: Specific requirements for 222Rn and 220Rn measuring instruments  
**Data Limite:** 2013-02-08
- 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 62618:2012**  
Radiation protection instrumentation - Spectroscopy-based alarming Personal Radiation Detectors (SPRD) for the detection of illicit trafficking of radioactive material  
**Data Limite:** 2013-01-11
- SC 45A  
**FDIS 62671:2012**  
Nuclear power plants - Instrumentation and control important to safety - Selection and use of industrial digital devices of limited functionality  
**Data Limite:** 2013-01-11
- 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 46F

**FDIS 61169-26:2012**

Radio-frequency connectors Part 26: Sectional specification for TNCA series RF coaxial connectors

**Data Limite:** 2013-01-11

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 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 48D

**CDV 62610-4:2012**

Mechanical structures for electronic equipment - Thermal management Part 4: Cooling performance tests for water supplied heat exchangers in electronic cabinets

**Data Limite:** 2013-01-25

SC 62B

**IEC 60601-1-3:2008 /CDV A1:2012**

Medical electrical equipment Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment

**Data Limite:** 2013-01-18

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 62C

**FDIS 60601-2-11:2012**

Medical electrical equipment Part 2-11: particular requirements for the basic safety and essential

performance of gamma beam therapy equipment

**Data Limite:** 2012-12-14

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 65B

**FDIS 61499-4:2012**

Function Blocks

Part 4: Rules for compliance profiles

**Data Limite:** 2013-01-11

SC 65C

**CDV 62657-2:2012**

Industrial communication networks - Wireless communication networks Part 2: Coexistence management

**Data Limite:** 2013-01-04

SC 65E

**CDV 62714-1:2012**

Engineering data exchange format for use in industrial automation systems engineering- AutomationML Part 1: Architecture and general requirement

**Data Limite:** 2013-01-04

SC 65C

**CDV 62734:2012**

Industrial communication networks - Wireless communication network and communication profiles - ISA 100.11 a

**Data Limite:** 2013-01-18

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 60794-3-12:2012**

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 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 61300-3-4:2012**

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:** 2012-11-02

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

**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 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

TC 1

**FDIS 60050-114:2012**

International electrotechnical vocabulary Part 114: Electrochemistry

**Data Limite:** 2013-01-11

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 3

**FDIS 60617:2012**

IEC 60617 DB Extended procedure for change request C00200; symbol S01864 Stand alone emergency switch equipment

**Data Limite:** 2013-01-11

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

**FDIS 60913:2012**

Railway applications - Fixed installations - Electric traction overhead contact lines

**Data Limite:** 2013-01-11

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 11

**CDV 60826:2012**

Design Criteria of Overhead transmission Lines

**Data Limite:** 2013-01-25

TC 13

**CDV 62053-24:2012**

Electricity metering equipment (a.c.) - Particular requirements Part 24: Static meters for fundamental component reactive energy (classes 0,5 S, 1S and 1)

**Data Limite:** 2013-02-01

TC 15

**IEC 60684-3-216:2001 /CDV A2:2012**

Flexible insulating sleeving Part 3: Specifications for individual types of sleeving Sheet 216: Heat-shrinkable, flame-retarded, limited-fire-hazard sleeving

**Data Limite:** 2013-01-25

TC 15

**IEC 60684-3-280:2010 /CDV A1:2012**

Flexible insulating sleeving Part 3: Specifications for individual types of sleeving

Sheet 280 : Heat-shrinkable, polyolefin sleeving, anti-tracking

**Data Limite:** 2013-01-25

TC 15

**IEC 60684-3-283:2010 /CDV A1:2012**

Flexible insulating sleeving Part 3: Specifications for individual types of sleeving

Sheet 283 : Heat-shrinkable, polyolefin sleeving for bus bar insulation

**Data Limite:** 2013-01-25

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 18

**CDV 16315:2012**

Small craft - Electrical propulsion system

**Data Limite:** 2013-03-29

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 31

**CDV 60079-5:2012**

Explosive atmospheres Part 5: Equipment protection by

powder filling ""q""

**Data Limite:** 2013-01-11

TC 31

**CDV 60079-29-3:2012**

Explosive atmospheres

Part 29-3: Gas detectors - Guidance on functional safety of fixed gas detection systems

**Data Limite:** 2013-01-25

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:** 2012-11-09

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 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

**FDIS 61968-11:2012**

Application integration at electric utilities - System interfaces for distribution management Part 11: Common information model (CIM) extensions for distribution

**Data Limite:** 2013-01-11

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 62325-451-1:2012**

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 59

**FDIS 60704-2-14:2012**

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers

**Data Limite:** 2013-01-11

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 60335-2-30:2009 /FDIS A1:2012**

Household and similar electrical appliances - Safety Part 2-30: Particular requirements for room heaters

**Data Limite:** 2012-12-14

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 64

**CDV 60364-7-722:2012**

Low-voltage electrical installations Part 7-722: Requirements for special installations or locations - Supply of electric vehicle

**Data Limite:** 2013-01-18

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 69

**CDV 61851-24:2012**

Electric vehicle conductive charging system Part 24: Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging

**Data Limite:** 2013-02-01

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 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 87

**IEC 61157:2007 /FDIS A1:2012**

Standard means for the reporting of the acoustic output of medical diagnostic ultrasonic equipment

**Data Limite:** 2013-01-04

TC 87

**FDIS 61161:2012**

Ultrasonics - Power measurement - Radiation force balances and performance requirements

**Data Limite:** 2013-01-11

TC 87

**IEC 62127-1:2007 /FDIS A1:2012**

Ultrasonics - Hydrophones Part 1: Measurement and characterization of medical ultrasonic fields up to 40 MHz

**Data Limite:** 2013-01-04

TC 87

**IEC 62127-2:2007 /FDIS A1:2012**

Ultrasonics - Hydrophones Part 2: Calibration for ultrasonic fields up to 40 MHz

**Data Limite:** 2013-01-11

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 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

**IEC 60695-2-12:2010 /CDV A1:2012**

Fire hazard testing Part 2-12: Glowing/hot-wire based

test methods - Glow-wire flammability index (GWFI) test method for materials

**Data Limite:** 2013-01-18

TC 89

**IEC 60695-2-13:2010 /CDV A1:2012**

Fire hazard testing Part -2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials

**Data Limite:** 2013-01-18

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 89

**CDV 60695-11-2:2012**

Fire hazard testing Part 11-2: Test flames - 1 kW nominal premixed flame: Apparatus, confirmatory test arrangement and guidance

**Data Limite:** 2013-01-18

TC 90

**FDIS 61788-16:2012**

Superconductivity Part 16: electronic characteristic measurements - power-dependent surface resistance of superconductors at microwave frequencies

**Data Limite:** 2012-12-14

TC 90

**FDIS 61788-17:2012**

Superconductivity Part 17: electronic characteristic measurements - local critical current density and its distribution in large-area superconducting films

**Data Limite:** 2012-12-14

TC 90

**CDV 61788-19:2012**

Superconductivity Part 19: Mechanical properties measurement - Room temperature tensile test of reacted Nb3Sn 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 61193-3:2012**

Quality assessment systems Part 3: Selection and use of sampling plans for printed boards and laminate end-products and in-process auditing

**Data Limite:** 2013-01-04

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 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

**FDIS 61558-2-26:2012**

Safety of transformers, reactors, power supply units and combinations thereof Part 2-26: Particular requirements and tests for transformers and power supply units for saving energy and other purposes

**Data Limite:** 2013-01-11

TC 99

**IEC 61936-1:2010 /CDV A1:2012**

Power installations exceeding 1 kV a.c. Part 1: Common rules

**Data Limite:** 2013-02-08

TC 100

**CDV 60728-1:2012**

Cable networks for television signals, sound signals and

interactive services Part 1: System performance of forward paths (TA5)

**Data Limite:** 2013-01-18

TC 100

**CDV 60728-1-1:2012**

Cable networks for television signals sound signals and interactive services Part 1-1: RF cabling for two way home networks (TA 5)

**Data Limite:** 2013-02-01

TC 100

**CDV 60728-1-2:2012**

Cable networks for television signals, sound signals and interactive services Part 1-2: Performance requirements for signals delivered at the system outlet in operation (TA 5)

**Data Limite:** 2013-01-18

TC 100

**CDV 60728-10:2012**

Cable networks for television signals, sound signals and interactive services Part 10: System performance for return paths (TA 5)

**Data Limite:** 2013-02-01

TC 100

**CDV 60728-14:2012**

Cable networks for television signals, sound signals and interactive services Part 14: Optical transmission systems using RFoG technology (TA 5)

**Data Limite:** 2013-02-01

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

**FDIS 62731:2012**

Text-to-Speech for Television - General Requirements

**Data Limite:** 2013-01-04

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 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 110

**CDV 61747-10-1:2012**

Liquid crystal display devices Part 10-1: Mechanical  
test methods

**Data Limite:** 2013-01-04

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 110

**FDIS 62629-22-1:2012**

3D display devices Part 22-1: Measuring methods for  
autostereoscopic displays - Optical

**Data Limite:** 2013-01-11

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 113

**CDV 62607-3-1:2012**

Nanomanufacturing - Key control characteristics Part  
3-1: Luminescent nanomaterials - Quantum efficiency

**Data Limite:** 2013-02-01

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:** 2013-01-11

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.

**LISTA VAZIA**