

Public Policy and Vehicle Legislation Department

Technical Bulletin
Issue 2013 - 02



THE SOCIETY OF
MOTOR MANUFACTURERS
AND TRADERS LIMITED

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ORDERING OF CIRCULARS

The following TEC Circulars were issued by SMMT Vehicle Legislation and Environment Teams, which are a part of the Public Policy and Vehicle Legislation Department during **February 2013**.

In accordance with the SMMT policy on the distribution of documents to its members, the Bulletin and the TEC Circulars it contains are free of charge, and if you require any copies, these can be sent to you electronically via email, and are also available for download from the SMMT website www.smmt.co.uk.

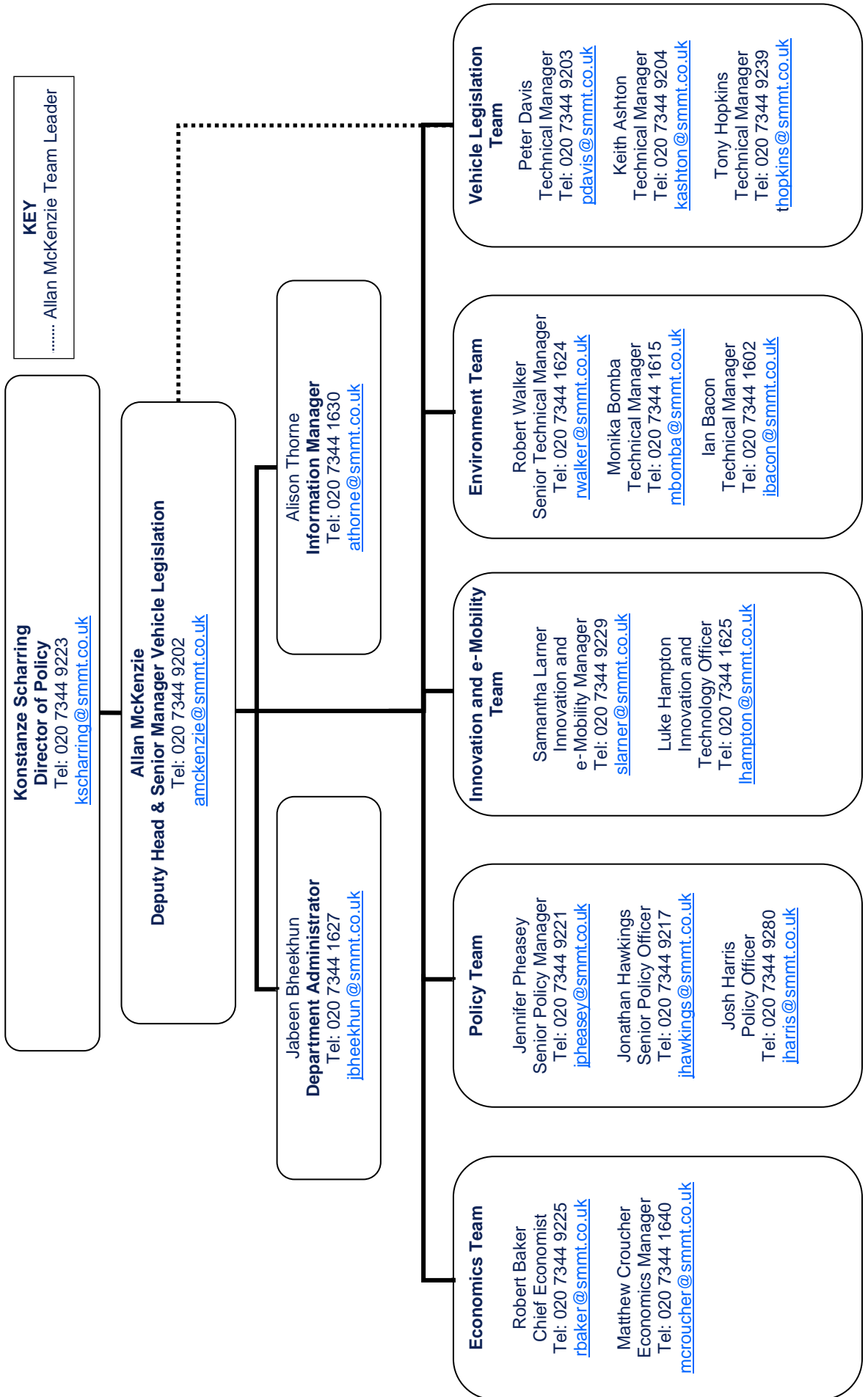
Requests for TECs should be emailed directly to me at: athorne@smmt.co.uk, and I will forward them to you by return of email. We are aware that some email systems may restrict the size of attachments, and the email formatting. If your emails are restricted in any way, please let me know when you request your TECs. In the Bulletin the size of each file is located within its summary.

If, however, you prefer a paper copy there will be a small handling charge of £5 plus VAT for each circular ordered – this covers administration and postage.

If you are a SMMT member and you have received this Bulletin indirectly, you can be added to the mailing list by forwarding your full contact details (i.e. Name, Position, Company name, Address, Fax, Tel, and Email) along with your request(s), to me at the email address above.

Thank you for your co-operation.

Alison Thorne
Information Manager



SUBJECT COVERAGE

The subject area categories listed may include items covering the following vehicle systems/components. In any one issue of the Bulletin, not all items may be addressed.

Administration

- Regulations

Braking, Handling, Wheels and Tyres

- Anti-lock
- Brake Fluid
- Braking Compatibility
- Car Brakes
- Commercial Vehicle Brakes
- Couplings
- HGV Suspensions and Axles
- Mechanical Couplings - Tractor/Trailer
- Replacement Linings
- Running Gear
- Speed Limiters
- Steering
- Trailer Brakes
- Tyres
- Vehicle Handling
- Wheel Fixings
- Wheels

Certification

- Individual Vehicle Approval
- Single Vehicle Approval
- Testing
- Type Approval

Driver and Vehicle Licensing

- Driver's Hours
- MOT Testing
- Plating and Testing
- Roadworthiness
- Single Vehicle Approval
- Type Approval
- Vehicle Registration

Electrical and Electronics

- 42 Volts
- Alternators
- Electric Vehicles
- Electricals
- Electrical Connectivity
- Electromagnetic Compatibility (EMC)
- Electronics
- On Board Diagnostics
- Radios
- Reflectors – electrical/lighting
- Serial Data Communication
- Software Reliability
- Starter Motors
- Tachographs

Engines

- Automotive Engines
- Hybrid Vehicles
- Off-Highway Engines
- On Board Diagnostics
- Stationary Engines

Environment

- Air Quality
- Bio-fuels
- CRC (Carbon Reduction Commitment)
- CFCs (Chlorofluorocarbons)
- Climate Change
- Climate Change Levy
- CO₂
- Congestion Charging
- Corporate Social Responsibility
- Emissions
- Emissions Trading – mobile/stationary sources
- End of Life (ELV)
- Energy
- Environmental Liability
- Environmental Management
- Environmental Permitting (EP)
- Fuel Economy
- Fuel Specifications
- Future Fuels
- Future Vehicles
- Greenhouse Gases
- Heating Systems
- HFCs (Hydrofluorocarbons)
- Hybrid Vehicles
- Hydrocarbons
- Hydrogen Fuel
- IPPC
- Labelling
- Landfill
- Low Emission Zone
- Lubricants
- Manufacture
- Noise
- Packaging
- Particulates
- Recycling
- Refrigerants
- Refuse Vehicles
- Regulatory Emissions, Local and Regional Air Quality
- Scrappage
- Sustainability
- Sustainable Mobility
- Toxic and Hazardous Materials
- Vehicle Disposal and Recycling
- Vibration
- VOCs - Volatile Organic Compounds
- Waste Management
- WEEE

Industrial Standards

- Mainly items circulated by BSI
- Regulations

ITS

- Congestion Charging

Lighting and Signalling

- Lighting
- Photometry
- Reflectors
- Reflectors - Electrical/Lighting
- Signalling
- Tell-tales and indicators

Safety and Security

- Accessibility
- Active Safety
- Airbags
- Anti-lock
- Anti-theft Equipment
- Child Seats
- Component Safety (roof racks, bull bars)
- Ergonomics
- Euro NCAP
- Glazing
- Health and Safety in the Workplace
- Indirect Vision Systems
- ITS
- Load Restraints
- Machinery Safety
- Mirrors
- Occupant Restraint
- Passive Safety
- Pedestrian Protection
- Pressure Equipment
- Reflectors
- Safety - general
- Seat Belts
- Sideguards and Underrun Guards
- Testing
- Vehicle Safety
- Vehicle Security
- Windows

Transport Systems

- ADR (Vehicles for the carriage of dangerous goods)
- ATP (Temperature controlled foodstuffs vehicles)
- Buses and Coaches
- Cab Strength
- Car
- Commercial Vehicles
- Freight Containers
- Light Commercial Vehicle
- Refuse Vehicles
- Ro/Ro Lashings
- Semi-Trailers
- Swap Bodies
- Tachographs
- Tankers
- TIR (Customs transit system vehicles)
- Trailers
- Trucks
- Weights and Dimensions

MISC.

- Agricultural Vehicles
- Ambulances
- Armoured Vehicle
- Components and Accessories
- Maritime
- Materials and Processes
- Plating and Testing
- Pressure Equipment
- Service and Repair
- Statistics
- Taxation
- Taxis
- Van

DEFINITIONS OF VEHICLE CATEGORIES

Category M:

- M Motor vehicles with at least four wheels designed and constructed for the carriage of passengers.
- at least four wheels or
 - with three wheels and a maximum weight over 1 tonne
 - [articulated vehicles of two non-separable, articulated units shall be considered as single vehicles]
- M₁ Vehicles designed and constructed for the carriage of passengers and comprising no more than eight seats in addition to the driver's seat.
- M₂ Vehicles designed and constructed for the carriage of passengers, comprising of more than eight seats in addition to the driver's seat, and having a maximum mass not exceeding 5 tonnes.
- M₃ Vehicles designed and constructed for the carriage of passengers, comprising of more than eight seats in addition to the driver's seat, and having a maximum mass exceeding 5 tonnes.

Category N:

- N Motor vehicles with at least four wheels designed and constructed for the carriage of goods.
- N₁ Vehicles designed and constructed for the carriage of goods and having a maximum mass not exceeding 3,5 tonnes.
- N₂ Vehicles designed and constructed for the carriage of goods and having a maximum mass over 3,5 tonnes but not exceeding 12 tonnes.
- N₃ Vehicles designed and constructed for the carriage of goods and having a maximum mass exceeding 12 tonnes.

Category O:

- O: Trailers (including semi-trailers)
- O₁ Trailers with a maximum mass not exceeding 0,75 tonnes.
- O₂ Trailers with a maximum mass exceeding 0,75 tonnes but not exceeding 3,5 tonnes.
- O₃ Trailers with a maximum mass exceeding 3,5 tonnes, but not exceeding 10 tonnes.
- O₄ Trailers with a maximum mass exceeding 10 tonnes.

Other Categories:

- CMP Components & accessories
- EFL Engines, fuels and lubricants
- MTL Materials and processes
- MFR Manufacture, service and repair, disposal and recycling

Source: *Official Journal L 263, 09/10/2007, Annex II*
<http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2007:263:SOM:EN:HTML>

Administration

TEC/2013/096

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 104TH SESSION (15TH - 19TH APRIL 2013)

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Heavy Vehicle Powertrain IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, Light Vehicle Powertrain IG, Type Approval WG, Gas Engine IG

Size: 83 KB

Attached pages: 2

Attached the agenda and advised of the availability of 11 new Working documents. Comments by 22nd March.

TEC/2013/100

AUTOMOTIVE COUNCIL SUPPLY CHAIN GROUP: MINUTES OF THE MEETING HELD ON 18TH SEPTEMBER 2012

Category: All

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Automotive Components Section

Size: 159 KB

Attached pages: 6

Automotive Council Secretariat supplied Minutes.

TEC/2013/105

REPUBLIC OF IRELAND: CONSULTATION ON POST-REGISTRATION VEHICLE MODIFICATIONS

Category: CMP, M, N, O

Circulation: Aftermarket Section, Brakes WG, Bus and Coach TC, Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Light Trailer and Trailer Equipment Section, Light Vehicle Powertrain WG, Lighting and Signalling WG, Low Volume Manufacturers Working Group, Noise WG, Passive Safety WG, Trailer and Bodywork TC, Type Approval WG, Vehicle Glazing IG, Vehicle Security and Insurance WG

Size: 480 KB

Attached pages: 40

Public consultation process seeking the views of all interested parties on the development of proposals to regulate post-registration vehicle modifications. Comments by 20th March.

TEC/2013/116

CLCCR TECHNICAL COMMITTEE MEETING 21ST MARCH 2013: DRAFT AGENDA

Category: O3, O4, CMP

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 83 KB

Attached pages: 3

Meeting to be held at the RAI offices in Amsterdam. SMMT position to be prepared by Trailer and Bodywork TC on 20th February.

TEC/2013/117

EUROPEAN COMMISSION PROPOSAL ON PRODUCT SAFETY AND MARKET SURVEILLANCE

Category: CMP, M, N, O

Circulation: Aftermarket Section, Automotive Components Section, Bus and Coach TC, Car and Light CV TC, Engineering Committee, Heavy CV TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Policy Co-ordination Committee, Safety Recall WG, Trailer and Bodywork TC, Type Approval WG

Size: 118 KB

Attached pages: 4

The European Commission has issued a set of proposals with a view to reforming EU product safety legislation. It is expected that the new legislation will come into effect in 2015.

TEC/2013/126

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: AGENDA AND WORKING DOCUMENTS

Category: M, N, O

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Low Volume Manufacturers Working Group, Type Approval WG, Passive Safety WG, Trailer and Bodywork TC

Size: 428 KB

Attached pages: 74

Circulated the Agenda and working documents for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels. Comments by 25th February.

TEC/2013/133

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: ADDITIONAL WORKING DOCUMENT

Category: M1

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Low Volume Manufacturers Working Group

Size: 240 KB

Attached pages: 3

Circulated an additional working document for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels. Comments by 25th February.

TEC/2013/137

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: ADDITIONAL WORKING DOCUMENTS

Category: M1

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Low Volume Manufacturers Working Group, Type Approval WG, Ambulance IG

Size: 464 KB

Attached pages: 63

Circulated for information two additional working document for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels.

Braking, Handling, Wheels and Tyres

TEC/2013/105

REPUBLIC OF IRELAND: CONSULTATION ON POST-REGISTRATION VEHICLE MODIFICATIONS

Category: CMP, M, N, O

Circulation: Aftermarket Section, Brakes WG, Bus and Coach TC, Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Light Trailer and Trailer Equipment Section, Light Vehicle Powertrain WG, Lighting and Signalling WG, Low Volume Manufacturers Working Group, Noise WG, Passive Safety WG, Trailer and Bodywork TC, Type Approval WG, Vehicle Glazing IG, Vehicle Security and Insurance WG

Size: 480 KB

Attached pages: 40

Public consultation process seeking the views of all interested parties on the development of proposals to regulate post-registration vehicle modifications. Comments by 20th March.

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

Certification

TEC/2013/093

ADDITIONAL WORKING DOCUMENT FOR THE 121ST MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG): REVIEW OF THE UNECE 1958 AGREEMENT

Category: CMP, M, N, O

Circulation: Car and Light CV TC, Heavy CV TC, Type Approval WG, Engineering Committee

Size: 163 KB

Attached pages: 10

Additional working document for the meeting to be held 4th February.

TEC/2013/096

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 104TH SESSION (15TH - 19TH APRIL 2013)

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Heavy Vehicle Powertrain IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, Light Vehicle Powertrain IG, Type Approval WG, Gas Engine IG

Size: 83 KB

Attached pages: 2

Attached the agenda and advised of the availability of 11 new Working documents. Comments by 22nd March.

TEC/2013/105

REPUBLIC OF IRELAND: CONSULTATION ON POST-REGISTRATION VEHICLE MODIFICATIONS

Category: CMP, M, N, O

Circulation: Aftermarket Section, Brakes WG, Bus and Coach TC, Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Light Trailer and Trailer Equipment Section, Light Vehicle Powertrain WG, Lighting and Signalling WG, Low Volume Manufacturers Working Group, Noise WG, Passive Safety WG, Trailer and Bodywork TC, Type Approval WG, Vehicle Glazing IG, Vehicle Security and Insurance WG

Size: 480 KB

Attached pages: 40

Public consultation process seeking the views of all interested parties on the development of proposals to regulate post-registration vehicle modifications. Comments by 20th March.

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

TEC/2013/117

EUROPEAN COMMISSION PROPOSAL ON PRODUCT SAFETY AND MARKET SURVEILLANCE

Category: CMP, M, N, O

Circulation: Aftermarket Section, Automotive Components Section, Bus and Coach TC, Car and Light CV TC, Engineering Committee, Heavy CV TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Policy Co-ordination Committee, Safety Recall WG, Trailer and Bodywork TC, Type Approval WG

Size: 118 KB

Attached pages: 4

The European Commission has issued a set of proposals with a view to reforming EU product safety legislation. It is expected that the new legislation will come into effect in 2015.

TEC/2013/122

REVISION OF VOSA IVA INSPECTION MANUALS FOR CATEGORIES M2 & M3 AND N2 & N3

Category: N2, N3, CMP, M2, M3

Circulation: Trailer and Bodywork IG, Truck IG, Type Approval IG, Bus and Coach IG

Size: 62 KB

Attached pages: 1

Advised of revisions to the VOSA IVA Inspection Manuals for categories M2 & M3 and N2 & N3.

TEC/2013/124

'COMPLETE' VEHICLE ENHANCEMENT SCHEME – CATEGORY N1 AND N2 VANS

Category: N1, N2

Circulation: Type Approval IG, Trailer and Bodywork IG, Car and Light CV TC, Truck IG

Size: 391 KB

Attached pages: 25

Final process document relating to VCA / DFT type approval scheme for changes to vans covered by ECWVTA

TEC/2013/126

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: AGENDA AND WORKING DOCUMENTS

Category: M, N, O

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Low Volume Manufacturers Working Group, Type Approval WG, Passive Safety WG, Trailer and Bodywork TC

Size: 428 KB

Attached pages: 74

Circulated the Agenda and working documents for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels. Comments by 25th February.

TEC/2013/133

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: ADDITIONAL WORKING DOCUMENT

Category: M1

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Low Volume Manufacturers Working Group

Size: 240 KB

Attached pages: 3

Circulated an additional working document for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels. Comments by 25th February.

TEC/2013/137

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: ADDITIONAL WORKING DOCUMENTS

Category: M1

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Low Volume Manufacturers Working Group, Type Approval WG, Ambulance IG

Size: 464 KB

Attached pages: 63

Circulated for information two additional working document for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels.

Driver and Vehicle Licensing

TEC/2013/105

REPUBLIC OF IRELAND: CONSULTATION ON POST-REGISTRATION VEHICLE MODIFICATIONS

Category: CMP, M, N, O

Circulation: Aftermarket Section, Brakes WG, Bus and Coach TC, Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Light Trailer and Trailer Equipment Section, Light Vehicle Powertrain WG, Lighting and Signalling WG, Low Volume Manufacturers Working Group, Noise WG, Passive Safety WG, Trailer and Bodywork TC, Type Approval WG, Vehicle Glazing IG, Vehicle Security and Insurance WG

Size: 480 KB

Attached pages: 40

Public consultation process seeking the views of all interested parties on the development of proposals to regulate post-registration vehicle modifications. Comments by 20th March.

Electrical and Electronics

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

TEC/2013/135

GOVERNMENT ANNOUNCES MEASURES TO SUPPORT PLUG-IN VEHICLE UPTAKE

Category: CMP, M, MFR, MTL, N

Circulation: Electric Vehicle Technical WG (All)

Size: 288 KB

Attached pages: 39

Government announces measures to support plug-in vehicle uptake

TEC/2013/140

EUROPEAN COMMISSION DRAFT DIRECTIVE - EU CLEAN FUEL DISTRIBUTION POINTS - UK CONNECTOR REQUIREMENTS

Category: CMP, M, MFR, MTL, N

Circulation: Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electric and Hybrid Vehicle IG (Members only), Heavy CV TC, Environmental Policy Committee, Truck IG, Light Vehicle Powertrain IG, Car and Light CV TC, Off-Highway Engine and Equipment WG, Fuels WG, Bus and Coach TC, Engineering Committee

Size: 110 KB

Attached pages: 2

EC draft directive for clean fuel distribution points in the EU, includes EV charging - Need for CHAdeMO connectors

Engines

TEC/2013/093

ADDITIONAL WORKING DOCUMENT FOR THE 121ST MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG): REVIEW OF THE UNECE 1958 AGREEMENT

Category: CMP, M, N, O

Circulation: Car and Light CV TC, Heavy CV TC, Type Approval WG, Engineering Committee

Size: 163 KB

Attached pages: 10

Additional working document for the meeting to be held 4th February.

TEC/2013/096

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 104TH SESSION (15TH - 19TH APRIL 2013)

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Heavy Vehicle Powertrain IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, Light Vehicle Powertrain IG, Type Approval WG, Gas Engine IG

Size: 83 KB

Attached pages: 2

Attached the agenda and advised of the availability of 11 new Working documents. Comments by 22nd March.

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

Environment

TEC/2013/095

DIESEL FUEL FILTER BLOCKING AS A RESULT OF THE COLD WEATHER

Category: M, N, NRMM

Circulation: Fuels WG, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Off-Highway Engine and Equipment WG

Size: 57 KB

Attached pages: 1

Please let me know if you have been experience diesel fuel filter blocking during the recent cold weather. The Downstream Fuel Association has contacted SMMT and would like to set up a working group to discuss the issue.

TEC/2013/101

REACH - COMMISSION REVIEW OF REACH

Category: All

Circulation: Hazardous Materials WG, Motor Industry Safety Group

Size: 69 KB

Attached pages: 2

The European Commission has today published its 5 year review of REACH and the automotive Task Force on REACH will consider it at their meeting on 19 February, so any comments welcome in advance.

TEC/2013/104

HGV CO2: DFT GAS STRATEGY AND TASK FORCE SHERPA MEETING NOTES

Category: CMP, M, MFR, MTL, N, O

Circulation: Environmental Policy Committee, Heavy Vehicle Powertrain IG, Heavy CV TC, Fuels WG, Truck IG
Size: 329 KB

Attached pages: 3

Please see attached my notes of the Sherpa group for the Task Force, which met today. This focussed on scoping the DfT project to develop a “switching to gas” strategy for HGVs (TEC/069 refers). Thank you to all those that provided input ahead of the meeting.

TEC/2013/107

DRAFT SMMT CO2 REPORT - FOR COMMENT

Category: All

Circulation: Environmental Policy Committee

Size: 554 KB

Attached pages: 14

Please find attached a draft version of SMMT’s annual New Car CO2 Report, covering performance in 2012. Members are asked to provide any comments or proposed amendments to the report by Thursday 14 February to mcroucher@smt.co.uk. The report will then be proof read and sent to the designer/printer. The front and back pages and introduction to the report are still to be added. Please treat the report as confidential. The report is due to be launched at a breakfast event here at SMMT on 14 March. Invites have been sent out. If you have not received an invite and would like to attend please contact me.

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

TEC/2013/109

LCV/VAN CO2 - DEROGATION IMPLEMENTING REGULATION (EU) NO 114/2013

Category: N1

Circulation: Environmental Policy Committee, Light Vehicle Powertrain IG, Engineering Committee, Type Approval IG, Car and Light CV TC, Low Volume Manufacturers Working Group

Size: 814 KB

Attached pages: 11

Attached is the published implementing Regulation on van CO2 derogations. The application forms and derogation FAQ are online. Please advise if your company might apply for a derogation, ie you register less than 22 000 LCVs in the EU each year, or if you might benefit from a de minimis of 500 or 1000 vehicles per year.

TEC/2013/110

SMMT RESPONSE TO TFL CONGESTION CHARGE CONSULTATION AND LETTER TO THE MAYOR

Category: M, N

Circulation: Heavy CV TC, Electric Vehicle Technical WG (All)

Size: 407 KB

Attached pages: 6

SMMT response to TfL Congestion Charge consultation and letter to the Mayor

TEC/2013/119

**JOINT MEETING OF THE CLCCR CO2 SPECIAL WORKING GROUPS (SWG) 'BODY' AND 'TRAILER':
DRAFT AGENDA**

Category: O3, O4, CMP, N2, N3

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 304 KB

Attached pages: 2

Circulated the agenda for a joint meeting of SWGs 'Body' and SWG 'Trailer' to be held on March 15th at the RAI offices in Amsterdam.

TEC/2013/125

QUESTIONNAIRE ON RECHARGEABLE ENERGY STORAGE SYSTEM RECYCLING AND REUSE STRATEGY

Category: All

Circulation: Electric Vehicle Technical WG (All)

Size: 58 KB

Attached pages: 1

As agreed at the last EVTWG meeting, I would like to ask you to provide me with some information on your company strategy on Rechargeable Energy Storage System (REESS) recycling and reuse. All information provided will be kept confidential and only used to inform future SMMT activities. I would appreciate it if you could let me have your response by Tuesday 26th February.

TEC/2013/136

HGV GREEN TECHNOLOGIES - INCENTIVISATION THROUGH O-LICENSING

Category: CMP, M, MFR, MTL, N, O

Circulation: Environmental Policy Committee, Truck IG, Low Carbon Commercial Vehicle IG, Engineering Committee, Heavy CV TC, Commercial Vehicle Section

Size: 274 KB

Attached pages: 3

SMMT response

TEC/2013/141

EMISSION TRADING GROUP RESPONSE TO COMMISSION'S CARBON MARKET REFORM CONSULTATION

Category: None

Circulation: Manufacturing Energy and Trading Schemes WG

Size: 152 KB

Attached pages: 5

Further to TEC/2012/721, please find attached the final draft of the proposed Emission Trading Group response to the Commission on the Carbon Market Reform consultation which closes tomorrow, Thursday 28 February.

Industrial Standards

TEC/2013/115

DRAFT PROPOSAL TO AMEND BS EN 1501-1:2011 (REAR-END LOADED REFUSE COLLECTION VEHICLES)

Category: CMP, N

Circulation: Trailer and Bodywork IG, Truck IG

Size: 1467 KB

Attached pages: 0

Comments requested by 21st February on a first working draft of a proposal to amend EN 1501-1.

ITS

TEC/2013/093

ADDITIONAL WORKING DOCUMENT FOR THE 121ST MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG): REVIEW OF THE UNECE 1958 AGREEMENT

Category: CMP, M, N, O

Circulation: Car and Light CV TC, Heavy CV TC, Type Approval WG, Engineering Committee

Size: 163 KB

Attached pages: 10

Additional working document for the meeting to be held 4th February.

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

TEC/2013/138
ITS (UK) - FEBRUARY 2013 NEWSLETTER
Category: CMP, M, MFR, MTL, N, O
Circulation: ITS IG
Size: 707 KB
Attached pages: 11
Monthly newsletter (February 2013) from ITS (UK)

Lighting and Signalling

TEC/2013/105
REPUBLIC OF IRELAND: CONSULTATION ON POST-REGISTRATION VEHICLE MODIFICATIONS
Category: CMP, M, N, O
Circulation: Aftermarket Section, Brakes WG, Bus and Coach TC, Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Light Trailer and Trailer Equipment Section, Light Vehicle Powertrain WG, Lighting and Signalling WG, Low Volume Manufacturers Working Group, Noise WG, Passive Safety WG, Trailer and Bodywork TC, Type Approval WG, Vehicle Glazing IG, Vehicle Security and Insurance WG
Size: 480 KB
Attached pages: 40
Public consultation process seeking the views of all interested parties on the development of proposals to regulate post-registration vehicle modifications. Comments by 20th March.

TEC/2013/121
L-CATEGORY VEHICLES (QUADRICYCLES), NEW LIGHTING REGULATION
Category: CMP, M, MFR, MTL, N, O
Circulation: Lighting and Signalling IG
Size: 2651 KB
Attached pages: 120
Latest EC Delegated Act, including lighting - 2016 type approval requirement for quadricycles

TEC/2013/130
GRE-69 & OICA GEE-66 MARCH/APRIL MEETINGS - AGENDAS
Category: CMP, M, MFR, MTL, N, O
Circulation: Lighting and Signalling WG
Size: 748 KB
Attached pages: 1
Agendas for the March/April 2013 OICA GEE & GRE meetings

Safety and Security

TEC/2013/094
DOCUMENTS POSTED ON THE UNECE GRSP GENEVA WEBSITE FOR THE 8TH MEETING OF ELSA WORKING ON L CATEGORY EV VEHICLES
Category: M1, M2, M3, N1, N2, N3, CMP
Circulation: Passive Safety IG, Electrical Power Systems IG, Car and Light CV TC, Electromagnetic Compatibility WG, Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Technical WG (Motor Vehicles)
Size: 365 KB
Attached pages: 91
Documents from the meeting of the ELSA group working on L category vehicles held in Geneva Jan 29th -30th 2013

TEC/2013/097
REPORT OF THE 2ND MEETING OF THE OF THE GRSP GROUP WORKING ON A GLOBAL TECHNICAL REGULATION FOR EV'S
Category: M1, M2, M3, N1, N2, N3, CMP
Circulation: Passive Safety IG, Electrical Power Systems IG, Car and Light CV TC, Electromagnetic Compatibility WG, Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Technical WG (Motor Vehicles)
Size: 146 KB
Attached pages: 8
Minutes of the above meeting held in Bonn Germany 23rd -25th October.

TEC/2013/098

ISO DOCUMENT, N 24, WD 17840 "INTERMEDIATE WORKING DRAFT UPDATE - ROAD VEHICLE RESCUE SHEETS"

Category: M1, M2, M3, N1, N2, N3, CMP

Circulation: Passive Safety WG, Electric and Hybrid Vehicle IG (Members only), Car and Light CV TC, Vehicle Security and Insurance IG, Electric Vehicle Technical WG (All), ELV WG

Size: 692 KB

Attached pages: 42

Update of the above draft ISO standard, marked up with changes suggested and discussed at the last Webex meeting held 21st January 2013, together with the collated comments sheet, issued in preparation for the next Webex meeting to be held Thursday 7th February 2013.

TEC/2013/105

REPUBLIC OF IRELAND: CONSULTATION ON POST-REGISTRATION VEHICLE MODIFICATIONS

Category: CMP, M, N, O

Circulation: Aftermarket Section, Brakes WG, Bus and Coach TC, Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Light Trailer and Trailer Equipment Section, Light Vehicle Powertrain WG, Lighting and Signalling WG, Low Volume Manufacturers Working Group, Noise WG, Passive Safety WG, Trailer and Bodywork TC, Type Approval WG, Vehicle Glazing IG, Vehicle Security and Insurance WG

Size: 480 KB

Attached pages: 40

Public consultation process seeking the views of all interested parties on the development of proposals to regulate post-registration vehicle modifications. Comments by 20th March.

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

TEC/2013/117

EUROPEAN COMMISSION PROPOSAL ON PRODUCT SAFETY AND MARKET SURVEILLANCE

Category: CMP, M, N, O

Circulation: Aftermarket Section, Automotive Components Section, Bus and Coach TC, Car and Light CV TC, Engineering Committee, Heavy CV TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Policy Co-ordination Committee, Safety Recall WG, Trailer and Bodywork TC, Type Approval WG

Size: 118 KB

Attached pages: 4

The European Commission has issued a set of proposals with a view to reforming EU product safety legislation. It is expected that the new legislation will come into effect in 2015.

TEC/2013/118

MINUTES OF THE 52nd GRSP MEETING/MUTUAL RESOLUTION

Category: All

Circulation: Passive Safety IG, Car and Light CV TC, Electric Vehicle WG (members only), Bus and Coach TC, Heavy CV TC

Size: 779 KB

Attached pages: 57

Minutes of the of the 52nd meeting of GRSP held in Geneva 11-14 December 2012 with specific reference to the introduction of the Mutual resolution

TEC/2013/126

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: AGENDA AND WORKING DOCUMENTS

Category: M, N, O

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Low Volume Manufacturers Working Group, Type Approval WG, Passive Safety WG, Trailer and Bodywork TC

Size: 428 KB

Attached pages: 74

Circulated the Agenda and working documents for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels. Comments by 25th February.

TEC/2013/133

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: ADDITIONAL WORKING DOCUMENT

Category: M1

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Low Volume Manufacturers Working Group

Size: 240 KB

Attached pages: 3

Circulated an additional working document for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels. Comments by 25th February.

TEC/2013/137

3RD MEETING OF THE MVWG SUB-GROUP ON SPV: ADDITIONAL WORKING DOCUMENTS

Category: M1

Circulation: Car and Light CV TC, Disabled Person Vehicle IG, Low Volume Manufacturers Working Group, Type Approval WG, Ambulance IG

Size: 464 KB

Attached pages: 63

Circulated for information two additional working document for the 3rd meeting of the MVWG Sub-group on SPVs to be held on Thursday 28th February in Brussels.

Transport Systems

TEC/2013/094

DOCUMENTS POSTED ON THE UNECE GRSP GENEVA WEBSITE FOR THE 8TH MEETING OF ELSA WORKING ON L CATEGORY EV VEHICLES

Category: M1, M2, M3, N1, N2, N3, CMP

Circulation: Passive Safety IG, Electrical Power Systems IG, Car and Light CV TC, Electromagnetic Compatibility WG, Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Technical WG (Motor Vehicles)

Size: 365 KB

Attached pages: 91

Documents from the meeting of the ELSA group working on L category vehicles held in Geneva Jan 29th -30th 2013

TEC/2013/096

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 104TH SESSION (15TH - 19TH APRIL 2013)

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Heavy Vehicle Powertrain IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, Light Vehicle Powertrain IG, Type Approval WG, Gas Engine IG

Size: 83 KB

Attached pages: 2

Attached the agenda and advised of the availability of 11 new Working documents. Comments by 22nd March.

TEC/2013/097

REPORT OF THE 2ND MEETING OF THE OF THE GRSP GROUP WORKING ON A GLOBAL TECHNICAL REGULATION FOR EV'S

Category: M1, M2, M3, N1, N2, N3, CMP

Circulation: Passive Safety IG, Electrical Power Systems IG, Car and Light CV TC, Electromagnetic Compatibility WG, Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Technical WG (Motor Vehicles)

Size: 146 KB

Attached pages: 8

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TEC/2013/098

ISO DOCUMENT, N 24, WD 17840 "INTERMEDIATE WORKING DRAFT UPDATE - ROAD VEHICLE RESCUE SHEETS"

Category: M1, M2, M3, N1, N2, N3, CMP

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Size: 692 KB

Attached pages: 42

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TEC/2013/105

REPUBLIC OF IRELAND: CONSULTATION ON POST-REGISTRATION VEHICLE MODIFICATIONS

Category: CMP, M, N, O

Circulation: Aftermarket Section, Brakes WG, Bus and Coach TC, Car and Light CV TC, Disabled Person Vehicle IG, Heavy CV TC, Light Trailer and Trailer Equipment Section, Light Vehicle Powertrain WG, Lighting and Signalling WG, Low Volume Manufacturers Working Group, Noise WG, Passive Safety WG, Trailer and Bodywork TC, Type Approval WG, Vehicle Glazing IG, Vehicle Security and Insurance WG

Size: 480 KB

Attached pages: 40

Public consultation process seeking the views of all interested parties on the development of proposals to regulate post-registration vehicle modifications. Comments by 20th March.

TEC/2013/108

ELECTRIC VEHICLE STANDARDS – SMMT LISTING (PRELIMINARY)

Category: M1, M2, M3, N1, N2, N3, O1, O2, O3, O4, CMP, MTL, MFR

Circulation: Electric and Hybrid Vehicle IG (Members only), Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electromagnetic Compatibility WG

Size: 86 KB

Attached pages: 1

Preliminary listing of IEC/ISO etc Standards relevant to Electric Vehicles

TEC/2013/115

DRAFT PROPOSAL TO AMEND BS EN 1501-1:2011 (REAR-END LOADED REFUSE COLLECTION VEHICLES)

Category: CMP, N

Circulation: Trailer and Bodywork IG, Truck IG

Size: 1467 KB

Attached pages: 0

Comments requested by 21st February on a first working draft of a proposal to amend EN 1501-1.

TEC/2013/131

MOTABILITY ENTITLEMENT CHANGES: SMMT BRIEFING FEBRUARY 2013

Category: M1

Circulation: Disabled Person Vehicle IG, Low Volume Manufacturers Working Group, Car and Light CV TC

Size: 128 KB

Attached pages: 4

Significant changes are being made to mobility payments that will impact on access to the Motability Scheme. Comments requested by 1st March on the affect.

VEHICLE LEGISLATION & ENVIRONMENT TEAM MEETINGS

February 2013	Group	Location
6	EVTWG	Great Peter Street
18	NWG	“ ”
20	TBTC	“ ”
26	ELV WG	“ ”
27	EPC	“ ”

SMMT Events

SMMT Open Forum Heart of England Centre, West Midlands 21 March 2013

SMMT will host its next Open Forum event on Thursday 21 March 2013 at the Heart of England Conference and Events Centre in the West Midlands.

Covering a range of topics pertinent to automotive suppliers operating at every level of the supply chain, SMMT's Open Forum is free to attend and will bring together more than 150 suppliers for a day of presentations, knowledge sharing and discussion. Specific topics and speakers will be announced in due course.

Delegate numbers are strictly limited, and SMMT encourages early registration. Places are allocated on a first come, first served basis. For more details and to book, contact Claire Balch on cbalch@smmt.co.uk or 020 7344 1636.

SME Support Roadshows Various locations and dates

SMMT has announced a series of SME Support Roadshows to take place across the UK throughout March. The publication of Smith Institute's [Supply Chain Finance report](#) last year highlighted some of the serious finance and growth constraints affecting the UK automotive supply chain. In November 2012 SMMT responded by hosting its first [Meet the Funder](#) event to bring together suppliers with banks and funding corporations. The SME Support Roadshows will focus on supporting companies at a more regional level, providing SMEs with an opportunity to gain a better understanding of various funding schemes that are available

To read full event details [click here](#)



International Business Group Meeting Westminster, London 26 March 2013

SMMT will hold the next International Business Group (IBG) meeting at its Westminster office on Tuesday 26 March at 13:00. Open to SMMT members, the meeting will focus on automotive business opportunities in Eastern Europe. The meeting will include a networking lunch. For more information, contact Pat Shaw, pshaw@smmt.co.uk.

To read full event details [click here](#)

SMMT Meet the Buyer West Midlands 23 May 2013

SMMT's Meet the Buyer will be held on 23 May 2013. The event brings together vehicle manufacturers and automotive suppliers for a day of business networking and exchange of views.

To register for this event please e-mail: supplychain@smmt.co.uk or [click here](#)

SMMT International Automotive Summit Clifford Chance, Canary Wharf, London 13 June 2013

Now in its fifth year, the SMMT International Automotive Summit will attract up to 250 delegates from the breadth of the automotive industry.

The day will attract many senior delegates; CEOs / MDs of car companies as well as a number of directors of marketing, corporate and public affairs, engineering, assembly, sales, planning and operations.

The day will include a keynote address from a global board members of major automotive company and a senior political figure.

Early bird booking for SMMT members is now open, until 15 March.

To read full event details [click here](#)



SMMT Open Forum

Venue: tbc

18 September 2013

Covering a range of topics pertinent to automotive suppliers operating at every level of the supply chain, SMMT's Open Forum is free to attend and will bring together more than 150 suppliers for a day of presentations, knowledge sharing and discussion. Specific topics and speakers will be announced in due course.

To register for this event please e-mail:

arobinson@smt.co.uk



SMMT Meet the Funder

West Midlands

24 October 2013

SMMT's first Meet the Funder in November 2012 was the largest networking event dedicated to assisting automotive supply chain companies to gain specific access to finance and support.

To register for this event please e-mail:

supplychain@smt.co.uk



SMMT Annual Dinner

Grosvenor House, Park Lane, London

26 November 2013

SMMT's 97th Annual Dinner will be held on Tuesday 26 November 2013 at Grosvenor House, Park Lane, London. The evening will be hosted by SMMT President Tim Abbott, Managing Director, BMW Group UK. Guest speaker details to be announced later.

For further information on this event e-mail:

annualdinner@smt.co.uk

SMMT Member accommodation discount

SMMT is dedicated to supporting members and in order to lessen the financial burden of attending industry conferences, seminars and events across the UK, we have teamed up with Accor Hotels.

An affiliation with Accor has enabled us to make discounts available on accommodation for SMMT members. The offer includes a range of hotels, from low cost to midscale.

For further accommodation details [click here](#)

Industry Events

Innovate UK 2013

Business Design Centre, London

11 – 13 March 2013

The Technology Strategy Board and UK Trade & Investment have announced a joint venture which sees the two organisations unite the successful Innovate and TechWorld events. The new, multi-sector, networking event 'Innovate UK' will provide opportunities for companies looking to accelerate their growth through technology innovation, international trade and investment.

Innovate UK will bring together 4,000 people from UK and international business, government and academia, with the aim of accelerating UK economic growth by

stimulating business-led innovation and opening up international trade opportunities.

To read full event details [click here](#)

The Big Bang Fair 2013 ExCeL, London 14 - 17 March 2013

The Big Bang Fair is the largest celebration of science, technology, engineering and maths for young people in the UK. Designed to showcase the range of exciting and rewarding opportunities available, the national event will run between 14 – 17 March at ExCeL, London. The event also includes a number of regional and local events, put on collaboratively with business, industry, government and academia to demonstrate the true scale of engineering and science in the UK.

To read full event details [click here](#)

Measurement in Advanced Manufacturing: Lessons from Automotive and Aerospace Manufacturing Technology Centre, Coventry 19 March 2013

This event will highlight the approach to measurement that is being taken by leading manufacturers from the automotive and aerospace sectors. It will focus on new technologies and techniques applicable in many manufacturing operations and will demonstrate the benefits to companies from improving their capacity and capability in this important area. As well as contributions from major OEMs including BMW and Rolls-Royce, presentations will include updates from leading academic and research centres as well as equipment users and suppliers

To read full event details [click here](#)

Commercial Vehicle Show 2013 NEC, Birmingham 9 – 11 April 2013

Since its launch in 2000, the Commercial Vehicle Show has emerged as the most productive sourcing and selling opportunity for the entire UK road freight transport and logistics industry. For operators, it is a valuable meeting place, attracting over 16,000 high quality visitors with real buying power.

The CV Show is the largest and most comprehensive road freight transport event staged in Britain, catering for every operator's requirements from truck, van and trailer manufacturers through to handling equipment, insurers, tyre, telemetry and training providers, fuels and lubricant suppliers – and a whole lot more. To ensure the industry's wheels keep turning at maximum efficiency, the Workshop area features more than 100 stands showcasing everything from OE components and replacement parts to maintenance management systems, garage and workshop equipment.

For details on exhibiting contact Crystal Communications, 01634 261262, e-mail enquiries@cvshow.com



Military Vehicles: Resetting and Upgrading Conference Hilton Bristol Hotel 9 April 2013

Resetting and upgrading is a cost-effective solution to regenerating military vehicle stock. Many vehicles are operating beyond their original design parameters as a result of carrying extra armour and heavy usage. This accelerates mechanical fatigue and compromises the structural integrity and safe operation of the vehicles.

This one-day seminar will provide engineers, suppliers and the MoD with up-to-date case studies of best/latest practice, standards, compliance and legislation with regards to regeneration via upgrading and resetting of existing military vehicle stock. This event is an essential forum for those in the industry to exchange the latest ideas and establish new contacts in an environment of technical learning, shared with the biggest names in the industry.

To read full event details [click here](#)

Engine Downsizing: How Low Can We Go? IMechE, London 9 April 2013

The vehicle manufacturing industry is pushed to achieve stringent emissions standards while consistently improving the fuel consumption of future vehicle platforms. Novel solutions are needed to achieve the level of downsizing required by means of high levels of boosting.

This seminar will provide an essential guide to the technology solutions available to achieve medium and high-level downsizing. With presentations from leading industry experts, it will address how downsizing can contribute towards low carbon vehicle solutions for both the passenger car and heavy-duty markets.

To read full event details [click here](#)



Global Automotive Lightweight Materials London **24 – 25 April 2013**

Designing and manufacturing a commercially viable lightweight vehicle, while maintaining structural performance, remains a top priority for the automotive industry, as it battles to meet stringent carbon emissions targets and fulfil consumer demands for highly fuel-efficient vehicles.

However, significant cost barriers remain across the advanced lightweight materials cycle from procurement and manufacturing processes to end of life recycling.

Global Automotive Lightweight Materials is the industry leading OEM-led forum tackling aggressive lightweighting through a unique per material analysis to assess how successfully to integrate multi-materials into vehicles, identify what combination of materials can offer the highest cost benefit application, and decipher how mass production can be achieved at a reasonable cost.

SMMT members are entitled to a 15% discount on ticket prices. To claim your discount, please e-mail Jake McNulty, jake@london-business-conferences.co.uk

To read full event details [click here](#)

Future Drive Motor Show 2013 **ExCel, London** **5 – 12 May 2013**

Future Drive, incorporating EcoVelocity is the motor show which highlights the latest high-tech vehicles available to buy from the world's leading car manufacturers. Visitors to Future Drive will be able to see and test drive a great range of new cars and motorcycles, and try out a wide range of new technologies including electric, hybrid, range extender and hydrogen vehicles, as well as the best diesel and petrol models on the market.

To read full event details [click here](#)

Automotive Supply Chain Congress 2013 **Silverstone, Northamptonshire** **8 – 9 May 2013**

The Automotive Supply Chain Congress provides the opportunity for leading industry players, both domestic and international, to meet, network and debate the issues and challenges which the automotive supply chain industry faces now and in the future. All sectors of the industry will be represented, from tier suppliers and vehicle manufacturers to logistics service providers and aftermarket specialists.

To read full event details [click here](#)



Green Fleet Arrive 'n' Drive **Rockingham, Northants** **16 May 2013**

The 2013 event will see a demonstration of low and zero emissions cars and commercial vehicles that will help to slash emissions from fleets across the UK.

Sponsored by EDF Energy, the Arrive 'n' Drive will have more vehicles available for test drive than ever before, with BMW MINI, Citroën, Fiat, Honda, Kia, Peugeot, Renault, Toyota, Vauxhall and Volvo.

A focus on electric vehicles will feature this year, along with afternoon seminars that will examine the latest developments in funding, infrastructure and leasing.

To read full event details [click here](#)

The UK automotive industry: investment, manufacture and the future of clean fuel **Central London** **27 June 2013**

This seminar will focus on the latest developments in the UK's automotive industry, including market and supply chain challenges, technological and business innovation - and assessments of how relationships between government, the industry and wider stakeholders can interact to move forward the policy environment to support the UK automotive industry, particularly as an attractive inward investment opportunity.

Delegates will discuss the challenges and opportunities for the UK moving forward as a global player against the back drop of excess capacity and lower demand

domestically, sluggish international markets and increased competition from non-EU exporters. On low carbon vehicles, discussion will centre on advances across the various fuels and technologies, and the latest thinking on developing more effective consumer engagement programmes.

To read full event details [click here](#)

Mobility Roadshow 2013 Telford International Centre 27 - 29 June 2013

Celebrating 30 years as the UK's original consumer mobility and independent lifestyle event dedicated to people with disabilities of all ages. For the first time in the show's history, test drives will take place on public roads around the venue, offering visitors a more authentic driving experience. The Mobility Roadshow was the first event to offer opportunities to test drive production model vehicles with a variety of adaptations, enabling people with disabilities the rare opportunity to 'try before you buy'.

To read full event details [click here](#)

Goodwood Festival of Speed Goodwood, Sussex 12 - 14 July 2013

The Festival of Speed is the largest motoring garden party in the world – a unique summer weekend that brings together a heady mix of cars, stars and motor sport 'royalty' to create the largest car culture event in the world. Held in the immaculate grounds of Goodwood House, the annual hillclimb event is a true celebration of motor sport and all things automotive.

The 2013 Festival of Speed theme will celebrate the best of the first 20 years of this event. Goodwood will focus on highlights from the Festival's glittering history, featuring the biggest, best, fastest, loudest and most outrageous vehicles of all time. It will recapture many of the outstanding Festival of Speed moments from the 1993-2012 era, whether that's great cars from around the world making a rare return to the UK or famous car/driver pairings reunited, for a weekend not to be missed.

To read full event details [click here](#)



RAC Future Car Challenge Brighton - London 2 November 2013

An established motoring challenge for electric, hybrid, low-emission, hydrogen and ICE vehicles to use the lowest energy on a 63 mile route from Madeira Drive, Brighton to Imperial College and Regent Street, London. The Royal Automobile Club's promotion and demonstration of new clean-energy motor cars is an event that heralds tomorrow's pioneering technology.

The RAC Club, proprietors of the world's longest running motoring event - the London to Brighton Veteran Car Run, is proud to promote the RAC Future Car Challenge (FCC). The FCC will be staged each year during the same November weekend as the Veteran Car Run actively to promote, demonstrate and challenge new low-energy technology and echo the pioneering start of motoring in 1896. Just as the pioneering 19th century event demonstrated the capabilities of the new found horseless carriage, this new 21st century event provides the platform to demonstrate the first radical change of the power of motor vehicles since that time.

To read full event details from the 2012 event [click here](#)



Regent Street Motor Show London 2 November 2013

A unique free-to-view London motor show in one of the capital's most famous streets. Displaying cars spanning 125 years of motoring from the earliest 19th Century veterans to the 21st Century cars of the future.

Regent Street is closed to regular traffic creating a relaxed and informal atmosphere with easy access to car displays, exhibitor stands and on stage entertainment.

To read full event details from the 2012 event [click here](#)



Japan Best Practice Programme 2013 9 – 16 November 2013

Japanese Industry is globally recognised as being the world leader in its approach to continuous improvement (Kaizen), focused on improving Quality, Cost and Delivery performance, utilising Lean Manufacturing, Total Productive Maintenance (TPM) and the Toyota Production System (TPS).

Industry Forum has had a long association with Japanese Industry and was the first organisation to be appointed by the Japan Institute of Plant Maintenance (JIPM) as an assessment agency for the prestigious TPM award process.

Now in its ninth year, this best practice programme, organised in cooperation with JIPM-Solutions, offers a unique opportunity for delegates to experience first-hand TPM deployment and innovative improvement techniques, to help their own organisations move toward the goal of waste elimination, zero accidents, zero breakdown and zero defects.

The programme is designed for Senior Executives/Managers responsible for their organisations continuous improvement or TPM programmes and graduates identified for fast track to senior management. The programme is designed to be of interest for delegates from both manufacturing and process industries.

To read full event details [click here](#)



International Events and Exhibitions

Automechanika Istanbul

11 – 14 April 2013

Automechanika Istanbul is Eurasia's number one OEM and aftermarket event. It brings together professionals from the Automotive Manufacturing, Distribution and Repair sectors in the region and it provides opportunities for Small and Medium Enterprises to step up in the market.

For further information contact Ruta Aisthorpe, SMMT International Department, tel: 020 7344 9231, e-mail: raisthorpe@smmt.co.uk.



Auto Shanghai Shanghai, China 20 – 29 April 2013

The 15th Shanghai International Automobile Industry Exhibition (Auto Shanghai 2013) will be held in Shanghai's New International Expo Center. With the theme of "Innovation for Better Life", the show is expected to prove China's position as the most vibrant and promising automotive market in the world.

To read full event details [click here](#)



Autopromotec Bologna, Italy 22 – 26 May 2013

The 25th Autopromotec exhibition will be held at the Bologna Trade Fair Centre, Italy – located in the heart of Italy's 'Motor Valley'. Held every two years, the show is organised as a collection of automotive equipment and aftermarket trade fairs with sectors include quality spare parts, tyres and accessories, garage equipment and tooling, body & repair products, car wash equipment and diagnostics. Autopromotec's hall-by-hall focus makes it easy for visitors to navigate according to their professional interest. The event's unique formula makes it a benchmark for advanced technologies, innovation, new products and market opportunities across the industry.

To read full event details [click here](#)

Supply Chain Business Visit to Mexico July 2013

Automotive production in Mexico is poised for strong growth, on the back of a recovering North American market, and substantial local investments by global VMs and their Tier 1 component suppliers. However, there are still significant capability gaps within the second and third Tiers of the Mexican supply chain, which present good opportunities for UK component manufacturers.

There are many routes into the market, including direct exporting (Mexico has a free trade agreement with the EU), greenfield investment, or local "sheltering" – ie licensed manufacturing through a Mexican partner. SMMT will work closely with UKTI on a project to help UK companies to understand and exploit these different business models. The programme will culminate in a targeted group visit to key automotive centres in Mexico, provisionally scheduled for late May 2013. To register your interest in this programme, contact: Pat Shaw, SMMT International Department, tel: 020 7344 9260, e-mail: pshaw@smtt.co.uk.

Industry and Academia Partnership visit to Brazil June 2013

SMMT's proposed business group will visit Brazil in June, where strong consumer demand, a supportive government and a raft of new investments are all sustaining strong growth in the automotive sector. However, the present boom has led to skill shortages within the industry, and a recognised need to boost the volume and quality of local R&D work. Particular opportunities now exist for the delivery of industrial and academic programmes to raise local engineering skills, improve production efficiency and address environmental issues through technology innovation.

If you are interested in exploring opportunities in the Brazilian market, contact: Pat Shaw, SMMT

International Department, tel: 020 7344 9260, e-mail: pshaw@smtt.co.uk.

Global Automotive Component Supplier Engine Expo Messe Stuttgart, Germany 4 – 6 June 2013

Everyone involved with design, engineering, purchasing, procurement or sourcing innovative materials, components or electrical systems will find something of interest at this global event for OEM, Tier 1 and 2 automotive component suppliers. For further information contact: David Croxson, SMMT International Department, tel: 020 7344 9230, e-mail: dcroxson@smtt.co.uk.

To read full event details [click here](#)



Automechanika Middle East Dubai

11 – 13 June 2013

Automechanika Middle East 2012 presented over 1,300 exhibitors from more than 55 countries spread over nine halls. With an increase of 21% in space over the last edition; the exhibition is proud to receive the support of 32 international trade associations and the presence of 22 official country pavilions. For further information contact: David Croxson, SMMT International Department, tel: 0207 344 9230, e-mail: dcroxson@smtt.co.uk

Global Automotive Lightweight Materials Detroit

21 – 22 August 2013

As fuel prices continue to soar customers are increasingly demanding more fuel-efficient vehicles, combined with government-imposed targets it has become ever more crucial for vehicle OEMs to find economically viable strategies to enable adoption of advanced lightweight materials.

The Global Automotive Lightweight Materials Detroit Initiative provides a key industry forum to address the challenges of integrating lightweight materials and enable a scalable and economically viable lightweighting solution.

This is your opportunity to find out actual results being delivered in weight savings, amongst a backdrop of candid debate on collaborative opportunities to enable widespread adoption of advanced lightweight materials and finding the most feasible routes to achieving scale.

To read full event details [click here](#)

Automechanika Moscow, Russia 27 – 30 August 2013

The Society of Motor Manufacturers and Traders (SMMT) in association with UKTI, is proud to present the UK pavilion at Automechanika Moscow 2013, the largest automobile aftermarket show in Russia.

This is the number one event in the international industry of automotive equipment, components and services. It has gained recognition with professionals worldwide. As a consequence of representations made to UKTI by SMMT, TAP grant support of £1400, subject to terms and conditions, may be available, for suitable applicants for a maximum of nine participating companies on a first applied basis. For further information contact Ruta Aisthorpe, SMMT International Department, tel: 020 7344 9231, e-mail: raisthorpe@smmt.co.uk.

MIMS (Moscow International Motor Show) Moscow, Russia 28 – 31 August 2013

The largest international automotive exhibition in Russia, the basis for its success is a wide range of trade fair topics, expertise in organising high-quality professional events all over the world, an extensive network of subsidiaries, branch offices and International Sales Partners.

Messe Frankfurt Rus fairs are effective communicative and marketing platforms, giving an opportunity to promote products, services and projects, carrying out negotiations, signing contracts. Most visitors are business professionals authorised to conclude contracts. These fairs are organised as large business-forums attracting representatives of Russian and foreign enterprises, governmental structures, expert communities, associations, mass media.

For further information contact Ruta Aisthorpe, SMMT International Department, tel: 020 7344 9231, e-mail: raisthorpe@smmt.co.uk.



Equip Auto Paris, France 16 – 20 October 2013

SMMT, in association with UKTI, will present the UK Pavilion at Equip Auto 2013 - the largest show in Europe for equipment for all vehicles. Equip Auto 2013 has an exhibition area dedicated to clean vehicles and innovative technologies. The event will provide the opportunity to develop business relationships with visitors that have interests in every sort of vehicle. SMMT has spaces available for UK companies that would like to exhibit. SMMT is still able secure UKTI TAP Grant support to supplement exhibitor costs for this event (Spring 2013).

For further information contact: Ruta Aisthorpe, SMMT International Department, tel: 020 7344 9231, e-mail: raisthorpe@smmt.co.uk.



SEMA Show 2013 Las Vegas Convention Center, Las Vegas 5 – 8 November 2013

The SEMA Show is the premier automotive specialty products trade event in the world. It draws the industry's brightest minds and hottest products to one place, the Las Vegas Convention Center. In addition, the SEMA Show provides attendees with educational seminars, product demonstrations, special events, networking opportunities and more

To read full event details [click here](#)

EVS27

Barcelona

17 – 20 November 2013

The World Electric Vehicle Symposium and Exposition (EVS) series, organised by the World Electric Vehicle Association (WEVA), is recognised as the global electric transportation industry's premier and largest forum, showcasing all forms of technologies in the market place and on the drawing boards – from low speed battery electric vehicles to fuel cell electric buses. The event attracts academic, government and industry leaders from around the world who are interested in exploring and understanding the technical, policy and market challenges to a paradigm shift toward use of electric transportation technologies.

Following the highly successful British presence at EVS26 in Los Angeles, SMMT is again planning a co-ordinated programme of activities to promote British low carbon expertise and products to a global audience. To register your interest in this programme, contact: Pat Shaw, SMMT International Department, tel: 0207 344 9260, e-mail: pshaw@smmt.co.uk

To read full event details [click here](#)



Automechanika

Shanghai, China

10 - 13 December 2013

This is one of the world's leading events for automotive parts, equipment and service suppliers. Automechanika Shanghai will also see growth in accessories/turning/car care, green and sustainable vehicles products and services and auto parts remanufacturing. For further information contact: Sarah Thevenet, SMMT International Department, tel: 020 7344 9233, e-mail: sthevenet@smmt.co.uk.

BS EN 60730-2-16:1998

Automatic electrical controls for household and similar use. Particular requirements for automatic electrical water level controls of the float type for household and similar applications

CPL/72

Superseded by BS EN 60730-2-15:2010

BS EN 60730-2-18:1999

Automatic electrical controls for household and similar use. Particular requirements for automatic electrical water and air flow sensing controls, including mechanical requirements

CPL/72

Superseded by BS EN 60730-2-15:2010

BS EN 60832:1997

Specification for insulating poles (insulating sticks) and universal tool attachments (fittings) for live working

PEL/78

Superseded by BS EN 60832-1:2010 and BS EN 60832-2:2010

BS EN 60950-1:2006

Information technology equipment. Safety. General requirements

EPL/108

Superseded by BS EN 60950-1:2006+A1:2010

BS EN 61000-4-4:2004

Electromagnetic compatibility (EMC). Testing and measurement techniques. Electrical fast transient/burst immunity test

GEL/210/12

Superseded by BS EN 61000-4-4:2004+A1:2010

BS EN 62358:2004

Ferrite cores. Standard inductance factor (A_L) and its tolerance

EPL/51

Superseded by BS EN 62317-8:2006 and BS EN 62358:2013

BS ISO 7176-24:2004

Wheelchairs. Requirements and test methods for user-operated stair-climbing devices

CH/173/1

Superseded by BS ISO 7176-28:2012

DD ISO/TS 10004:2010

Quality management. Customer satisfaction. Guidelines for monitoring and measuring QS/1

Superseded by BS ISO 10004:2012

BS ISO/IEC 14598-3:2000

Information technology. Software production evaluation. Process for developers

IST/15

Superseded by BS ISO/IEC 25041:2012

BS ISO/IEC 14598-4:1999

Information technology. Software production evaluation. Process for acquirers

IST/15

Superseded by BS ISO/IEC 25041:2012

BS ISO/IEC 14598-5:1998

Information technology. Software production evaluation. Process for evaluators

IST/15

Superseded by BS ISO/IEC 25041:2012

PD ISO/IEC TR 18047-6:2011

Information technology. Radio frequency identification device conformance test methods.

Test methods for air interface communications at 860 MHz to 960 MHz

IST/34

Superseded by BS ISO/IEC 18047-6:2012

BS ISO 23274:2007

Hybrid-electric road vehicles. Exhaust emissions and fuel consumption measurements. Non-externally chargeable vehicles

PEL/69

Superseded by BS ISO 23274-1:2013 and BS ISO 23274-2:2012

BRITISH STANDARDS UNDER REVIEW

The following British Standards implement International and/or European Standards which are currently under review to see if they should be confirmed, revised or withdrawn.

Comments should be sent to Debbie Stead, Head of Committee Service Centre and International Secretariat, BSI Group, 389 Chiswick High Road, London W4 4AL or via email to BSUKoperations.review@bsigroup.com by **30 April, 2013**, in order to be considered by the relevant UK Committee.

To find out what national standards are out for review in 2013, please visit www.bsigroup.com/2013review. The committees responsible for these standards are currently considering whether they are still valid, need to be amended or revised or are no longer in use and can be withdrawn. If you have any views on any standards on the list email BSUKoperations.review@bsigroup.com by 31 March, 2013 and we will pass them to the committee concerned for their consideration.

BS 328-8:1992

(ISO 10898:1992)

Drills and reamers. Spot drills

MTE/18

BS 436-5:1997

(ISO 1328-2:1997)

Spur and helical gears. Definitions and allowable values of deviations relevant to radial composite deviations and runout information

MCE/5

BS 1016-108.4:1995

(ISO 1013:1995)

Methods for analysis and testing of coal and coke. Tests special to coke. Determination of bulk density (large container)

PTI/16

BS 4193-19:1993

(ISO 9361-1:1991)

Hardmetal insert tooling. Specification for dimensions of indexable ceramic inserts with rounded corners without fixing hole

MTE/18

BS 5293-1:1990

(ISO 1124:1988)

Sampling and testing carbon black for use in the rubber industry. Methods of sampling

PRI/50

BS 5381-7:1997

(ISO 3550-1:1997)

Methods for determination of physical properties of tobacco and tobacco products. Loss of tobacco from cigarette ends using a rotating cylindrical cage

AW/40

BS 5381-8:1997

(ISO 3550-2:1997)

Methods for determination of physical properties of tobacco and tobacco products. Loss of tobacco from cigarette ends using a rotating cubic box (sismelatophore)

AW/40

BS 5550-2.4.1:1978

(ISO 71:1977)

Cinematography. 16 mm film. Sound. Specification for positions and dimensions of 16 mm negative photographic sound record on 16 mm, 35/16 mm and 35/32 mm motion-picture film

CPW/36

BS 5550-5.1.2:1993

Cinematography. Common to more than one film gauge

CPW/36

BS 5550-5.4.6:1988

(ISO 8687:1987)

Cinematography. Common to more than one film gauge. Sound. Method for measurement of the signal to noise ratio of 8 mm type, 16 mm and 35 mm variable area photographic sound records

CPW/36

BS 6094-1:1981

(ISO 5264-1:1979)

Methods for laboratory beating of pulps. Valley beater method

PAI/11

Update Standards March 2013

Prices may be subject to change.

31

BS 6538-1:1985

(ISO 5636-1:1984)

Air permeance of paper and board. Method for determination of air permeance: general aspects of testing

PAI/11

BS 6829-3.1:1989

(ISO 6841:1988)

Analysis of surface active agents (raw materials). Sodium alkylbenzenesulphonates. Method for determination of mean relative molecular mass

CII/34

BS 7403-4:1998

(ISO 4548-4:1997)

Full-flow lubricating oil filters for internal combustion engines. Methods of test for initial particle retention efficiency, life and cumulative efficiency (gravimetric method)

MCE/21/5

BS 7677:1993

(ISO 9691:1992)

Recommendations for classification of imperfections in pipe joint rings

PRI/70

BS EN 204:2001

Classification of thermoplastic wood adhesives for non-structural applications

PRI/52

BS EN 205:2003

Adhesives. Wood adhesives for non-structural applications. Determination of tensile shear strength of lap joints

PRI/52

BS EN 286-1:1998+A2:2005

Simple unfired pressure vessels designed to contain air or nitrogen. Pressure vessels for general purposes

PVE/17

BS EN 286-2:1992

Simple unfired pressure vessels designed to contain air or nitrogen. Specification for pressure vessels for air braking and auxiliary systems for motor vehicles and their trailers

PVE/17

BS EN 286-3:1995

Simple unfired pressure vessels designed to contain air or nitrogen. Steel pressure vessels designed for air braking equipment and auxiliary pneumatic equipment for railway rolling stock

PVE/17

BS EN 286-4:1995

Simple unfired pressure vessels designed to contain air or nitrogen. Aluminium alloy pressure vessels designed for air braking equipment and auxiliary pneumatic equipment for railway rolling stock

PVE/17

BS EN 542:2003

Adhesives. Determination of density

PRI/52

BS EN 543:2003

Adhesives. Determination of apparent density of powder and granule adhesives

PRI/52

BS EN 923:2005+A1:2008

Adhesives. Terms and definitions

PRI/52

BS EN 924:2003

Adhesives. Solvent-borne and solvent-free adhesives. Determination of flashpoint

PRI/52

BS EN ISO 1060-1:1999

Plastics. Homopolymer and copolymer resins of vinyl chloride. Designation system and basis for specifications

PRI/82

BS EN ISO 1158:1998

Plastics. Vinyl chloride homopolymers and copolymers. Determination of chlorine content

PRI/82

BS EN 1372:2000

Adhesives. Test method for adhesives for floor and wall coverings. Peel test

PRI/52

BS EN 1373:2000

Adhesives. Test method for adhesives for floor and wall coverings. Shear test

PRI/52

BS EN ISO 1421:1998

Rubber- or plastics-coated fabrics. Determination of tensile strength and elongation at break

TCI/69

BS EN ISO 1628-2:2000

(BS 2782-7:Method 732B:1991)

Plastics. Determination of the viscosity of polymers in dilute solution using capillary viscometers. Poly(vinyl chloride) resins

PRI/82

BS EN 1677-1:2000+A1:2008

Components for slings. Safety. Forged steel components, Grade 8

MHE/1

BS EN 1719:1999

Adhesives for paper and board, packaging and disposable sanitary products. Tack measurement for pressure-sensitive adhesives. Determination of loop tack

PRI/52

BS EN 1720:1999

Adhesives for paper and board, packaging and disposable sanitary products. Determination of dispersability

PRI/52

BS EN 1721:1999

Adhesives for paper and board, packaging and disposable sanitary products. Tack measurement for pressure sensitive adhesives. Determination of rolling ball tack

PRI/52

BS EN 1753:1997

Magnesium and magnesium alloys. Magnesium alloy ingots and castings

NFE/35

BS EN 1902:1999

Adhesives. Test methods for adhesives for floor coverings and wall coverings. Shear test

PRI/52

BS EN ISO 2286-1:1998

Rubber- or plastics-coated fabrics. Determination of roll characteristics. Methods for determination of length, width and net mass

TCI/69

BS EN ISO 2286-2:1998

Rubber- or plastics-coated fabrics. Determination of roll characteristics. Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate

TCI/69

BS EN ISO 2286-3:1998

Rubber- or plastics-coated fabrics. Determination of roll characteristics. Method for determination of thickness

TCI/69

BS EN ISO 2897-2:2003

Plastics. Impact-resistant polystyrene (PS-I) moulding and extrusion materials. Preparation of test specimens and determination of properties

PRI/82

BS EN ISO 3887:2003

Steels. Determination of depth of decarburization

ISE/102

BS EN ISO 3947:1994

Starches, native or modified. Determination of total fat content

AW/100

BS EN ISO 4674-1:2003

Rubber- or plastics-coated fabrics. Determination of tear resistance. Constant rate of tear methods

TCI/69

BS EN ISO 4674-2:1998

Rubber- or plastics-coated fabrics. Determination of tear resistance. Ballistic pendulum method

TCI/69

BS EN ISO 5263-1:2004

Pulps. Laboratory wet disintegration. Disintegration of chemical pulps

PAI/11

BS EN ISO 5263-2:2004

Pulps. Laboratory wet disintegration. Disintegration of mechanical pulps at 20°C

PAI/11

BS EN ISO 5263-3:2004

Pulps. Laboratory wet disintegration. Disintegration of mechanical pulps at greater than or equal to 85°C

PAI/11

BS EN ISO 5269-2:2004

Pulps. Preparation of laboratory sheets for physical testing. Rapid-Koethen method

PAI/11

BS EN ISO 5470-2:2003

Rubber- or plastics-coated fabrics. Determination of abrasion resistance. Martindale abrader

TCI/69

BS EN ISO 5809:1994

Starches and derived products. Determination of sulfated ash

AW/100

BS EN ISO 5810:1994

(ISO 5810:1982)

Starches and derived products. Determination of chloride content. Potentiometric method

AW/100

BS EN ISO 6800:1998

(BS 684-2.39:1998)

Animal and vegetable fats and oils. Determination of the composition of fatty acids in the 2-position of the triglyceride molecules

AW/307

BS EN ISO 7369:2004

Pipework. Metal hoses and hose assemblies. Vocabulary

GSE/42

BS EN ISO 7623:1997

Steel cord conveyor belts. Cord-to-coating bond test. Initial test and after thermal treatment

PRI/67

BS EN ISO 7823-1:2003

Plastics. Poly(methyl methacrylate) sheets. Types, dimensions and characteristics. Cast sheets

PRI/75

BS EN ISO 7823-2:2003

Plastics. Poly(methyl methacrylate) sheets. Types, dimensions and characteristics. Extruded sheets

PRI/75

BS EN ISO 8257-1:2006

Plastics. Poly(methyl methacrylate)(PMMA) moulding and extrusion materials. Designation system and basis for specifications

PRI/82

BS EN ISO 8442-5:2004

Materials and articles in contact with foodstuffs. Cutlery and holloware. Specification for sharpness and edge retention test of cutlery

CW/17

BS EN ISO 8985:1998

Plastics. Ethylene/vinyl acetate copolymer (EVAC) thermoplastics. Determination of vinyl acetate content

PRI/82

BS EN ISO 9142:2003

Adhesives. Guide to the selection of standard laboratory ageing conditions for testing bonded joints

PRI/52

BS EN ISO 9653:2000

Adhesives. Test method for shear strength of adhesive bonds

PRI/52

BS EN ISO 9664:1995

Adhesives. Test methods for fatigue properties of structural adhesives in tensile shear

PRI/52

BS EN ISO 9665:2000

Adhesives. Animal glues. Methods of sampling and testing

PRI/52

BS EN ISO 9994:2006+A1:2008

Lighters. Safety specification

CW/32

BS EN ISO 10366-2:2003

Plastics. Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials. Preparation of test specimens and determination of properties

PRI/82

BS EN ISO 10472-1:2008

Safety requirements for industrial laundry machinery. Common requirements

TCI/33

BS EN ISO 10472-2:2008

Safety requirements for industrial laundry machinery. Washing machines and washer-extractors

TCI/33

BS EN ISO 10472-3:2008

Safety requirements for industrial laundry machinery. Washing tunnel lines including component machines

TCI/33

BS EN ISO 10472-4:2008

Safety requirements for industrial laundry machinery. Air dryers

TCI/33

BS EN ISO 10472-5:2008

Safety requirements for industrial laundry machinery. Flatwork ironers, feeders and folders

TCI/33

BS EN ISO 10472-6:2008

Safety requirements for industrial laundry machinery. Ironing and fusing presses

TCI/33

BS EN ISO 11073-30300:2005

Health informatics. Point-of-care medical device communication. Transport profile. Infrared wireless

IST/35

BS EN ISO 11343:2005

Adhesives. Determination of dynamic resistance to cleavage of high-strength adhesive bonds under impact conditions. Wedge impact method

PRI/52

BS EN ISO 11542-2:1998

Plastics. Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials. Preparation of test specimens and determination of properties

PRI/82

BS EN ISO 11833-2:2006

Plastics. Unplasticized poly(vinyl chloride) sheets. Types, dimensions and characteristics. Sheets of thickness less than 1 mm

PRI/75

BS EN 12195-4:2003

Load restraint assemblies on road vehicles. Safety. Lashing steel wire ropes

MHE/16

BS EN 12385-10:2003+A1:2008

Steel wire ropes. Safety. Spiral ropes for general structural applications

MHE/2

BS EN 12421:1998

Magnesium and magnesium alloys. Unalloyed magnesium

NFE/35

BS EN 12436:2002

Adhesives for load-bearing timber structures. Casein adhesives. Classification and performance requirements
PRI/52

BS EN 12680-1:2003

Founding. Ultrasonic examination. Steel castings for general purposes
ISE/111

BS EN 12680-2:2003

Founding. Ultrasonic examination. Steel castings for highly stressed components
ISE/111

BS EN 12681:2003

Founding. Radiographic examination
ISE/111

BS EN 12706:2000

Adhesives. Test methods for hydraulic setting floor smoothing and/or levelling compounds. Determination of flow characteristics
PRI/52

BS EN 12765:2001

Classification of thermosetting wood adhesives for non-structural applications
PRI/52

BS EN 12963:2001

Adhesives. Determination of free monomer content in adhesives based on synthetic polymers
PRI/52

BS EN ISO 13000-1:2005

Plastics. Polytetrafluoroethylene (PTFE) semi-finished products. Requirements and designation
PRI/82

BS EN ISO 13000-2:2005

Plastics. Polytetrafluoroethylene (PTFE) semi-finished products. Preparation of test specimens and determination of properties
PRI/82

BS EN 13411-5:2003+A1:2008

Terminations for steel wire ropes. Safety. U-bolt wire rope grips
MHE/2

BS EN 13414-1:2003+A2:2008

Steel wire rope slings. Safety. Slings for general lifting service
MHE/2

BS EN 13414-2:2003+A2:2008

Steel wire rope slings. Safety. Specification for information for use and maintenance to be provided by the manufacturer
MHE/2

BS EN 13414-3:2003+A1:2008

Steel wire rope slings. Safety. Grommets and cable-laid slings
MHE/2

BS EN ISO 13445:2006

Adhesives. Determination of shear strength of adhesive bonds between rigid substrates by the block-shear method
PRI/52

BS EN 13827:2003

Steel cord conveyor belts. Determination of the lateral and vertical displacement of steel cords
PRI/67

BS EN 13889:2003+A1:2008

Forged steel shackles for general lifting purposes. Dee shackles and bow shackles. Grade 6. Safety
MHE/1

BS EN 14256:2007

Adhesives for non-structural wood applications. Test method and requirements for resistance to static load
PRI/52

BS EN ISO 14632:1999

Extruded sheets of polyethylene (PE-HD). Requirements and test methods
PRI/75

BS EN ISO 14678:2005

Adhesives. Determination of resistance to flow (sagging)
PRI/52

BS EN ISO 15023-2:2006

Plastics. Poly(vinyl alcohol) (PVAL) materials. Determination of properties
PRI/82

BS EN ISO 15106-1:2005

Plastics. Film and sheeting. Determination of water vapour transmission rate. Humidity detection sensor method
PRI/75

BS EN ISO 15106-2:2005

Plastics. Film and sheeting. Determination of water vapour transmission rate. Infrared detection sensor method
PRI/75

BS EN ISO 15106-3:2005

Plastics. Film and sheeting. Determination of water vapour transmission rate. Electrolytic detection sensor method
PRI/75

BS EN ISO 15236-2:2004

Steel cord conveyor belts. Preferred belt types
PRI/67

BS EN ISO 15236-4:2004

Steel cord conveyor belts. Vulcanized belt joints
PRI/67

BS EN 15416-2:2007

Adhesives for load bearing timber structures other than phenolic and aminoplastic. Test methods. Static load test of multiple bondline specimens in compression shear
PRI/52

BS EN 15416-3:2007+A1:2010

Adhesives for load bearing timber structures other than phenolic and aminoplastic. Test methods. Creep deformation test at cyclic climate conditions with specimens loaded in bending shear
PRI/52

BS EN 15425:2008

Adhesives. One component polyurethane for load bearing timber structures. Classification and performance requirements
PRI/52

BS EN ISO 15908:2002

Adhesives for thermoplastic piping systems. Test method for the determination of thermal stability of adhesives
PRI/52

BS EN ISO 19953:2004

Footwear. Test methods for heels. Resistance to lateral impact
TCI/69

BS EN ISO 19956:2004

Footwear. Test methods for heels. Fatigue resistance
TCI/69

BS EN ISO 19957:2004

Footwear. Test methods for heels. Heel pin holding strength
TCI/69

BS EN ISO 19958:2004

Footwear. Test methods for heels and top pieces. Top piece retention strength
TCI/69

BS ISO 6:1993

Photography. Black-and-white pictorial still camera negative film/process systems. Determination of ISO speed
CPW/42

BS ISO 126:2005

Natural rubber latex concentrate. Determination of dry rubber content
PRI/50

BS ISO 461-1:2003

Aircraft. Connectors for ground electrical supplies. Design, performance and test requirements
ACE/6

BS ISO 701:1998

International gear notation. Symbols for geometrical data
MCE/5

BS ISO 1008:1992

Photography. Paper dimensions. Pictorial sheets
CPW/42

BS ISO 1203:1998

Photography. Roll film cameras. Back window location
CPW/42

BS ISO 2187:1990

Spinning preparatory machinery, spinning and doubling (twisting) machinery. List of equivalent terms
TCI/33

BS ISO 2302:2005

Isobutene-isoprene rubber (IIR). Evaluation procedures
PRI/50

BS ISO 2942:2004

Hydraulic fluid power. Filter elements. Verification of fabrication integrity and determination of the first bubble point
MCE/18

BS ISO 3026:1992

Cinematography. Printed 8 mm Type S image area on 35 mm motion-picture film perforated 8 mm Type S, 2R-4.227 (1664) or 5R-4.234 (1667). Position and dimensions
CPW/36

BS ISO 3400:1997+A1:2009

Cigarettes. Determination of alkaloids in smoke condensates. Spectrometric method
AW/40

BS ISO 3553-2:1997

Road vehicles. High tension connectors for ignition coils and distributors. Plug types
MCE/9

BS ISO 3808:2002

Road vehicles. Unscreened high-voltage ignition cables. General specifications, test methods and requirements
MCE/9

BS ISO 3899:2005

Rubber. Nitrile latex. Determination of residual acrylonitrile content
PRI/50

BS ISO 3929:2003

Road vehicles. Measurement methods for exhaust gas emissions during inspection or maintenance
MCE/22

BS ISO 4433-1:1997

(BS 2782-11:Method 1161A:1998)
Thermoplastic pipes. Resistance to liquid chemicals. Classification. Immersion test method
PRI/88

BS ISO 4433-2:1997

(BS 2782-11:Method 1161B:1998)
Thermoplastics pipes. Resistance to liquid chemicals. Classification. Polyolefin pipes
PRI/88

BS ISO 4433-3:1997

(BS 2782-11:Method 1161C:1998)
Thermoplastic pipes. Resistance to liquid chemicals. Classification. Unplasticized poly(vinyl chloride) (PVC-U), high-impact poly(vinyl chloride) (PVC-HI) and chlorinated poly(vinyl chloride) (PVC-C) pipes
PRI/88

BS ISO 4433-4:1997

(BS 2782-11:Method 1161D:1998)
Thermoplastics pipes. Resistance to liquid chemicals. Classification. Poly(vinylidene fluoride) (PVDF) pipes
PRI/88

BS ISO 4587:2003

Adhesives. Determination of tensile lap-shear strength of rigid-to-rigid bonded assemblies
PRI/52

BS ISO 4659:2003

Styrene-butadiene rubber (carbon black or carbon black and oil masterbatches). Evaluation procedure
PRI/50

BS ISO 4834:1997

Cinematography. Magnetic sound test films excluding striped release prints. Basic technical characteristics
CPW/36

BS ISO 4925:2005

Road vehicles. Specification of non-petroleum-base brake fluids for hydraulic systems
PRI/69

BS ISO 4927:2005

Road vehicles. Elastomeric boots for cylinders for drum type hydraulic brake wheel cylinders using a non-petroleum base hydraulic brake fluid (service temperature 120°C max)
PRI/69

BS ISO 5243:2004

Textile machinery and accessories. Numbering of heald frames and drop wire bars in a loom
TCI/33

BS ISO 5293:2004

Conveyor belts. Determination of minimum transition distance on three idler rollers
PRI/67

BS ISO 5782-1:1997

Pneumatic fluid power. Compressed air filters. Main characteristics to be included in supplier's literature and product-marking requirements
MCE/18

BS ISO 5782-2:1997

Pneumatic fluid power. Compressed air filters. Test methods to determine the main characteristics to be included in supplier's literature
MCE/18

BS ISO 6038:1993

Cinematography. Splices for use on 70 mm, 65 mm, 35 mm and 16 mm motion-picture films. Dimensions and locations
CPW/36

BS ISO 6117:2005

Road vehicles. Elastomeric boots for drum-type, hydraulic brake wheel cylinders using a non-petroleum base hydraulic brake fluid (service temperature 100°C max.)
PRI/69

BS ISO 6237:2003

Adhesives. Wood-to-wood adhesive bonds. Determination of shear strength by tensile loading
PRI/52

BS ISO 6415:2005

Internal combustion engines. Spin-on filters for lubricating oil. Dimensions
MCE/21/5

BS ISO 6743-1:2002

Lubricants, industrial oils and related products (class L). Classification. Family A (Total loss systems)
PTI/7

BS ISO 6971:2002

Cranked-link drag chains of welded construction, attachments and sprockets
MCE/1

BS ISO 6972:2002

Cranked-link mill chains of welded construction, attachments and sprockets
MCE/1

BS ISO 7026:1997

Diesel engines. Screw-in injection nozzle holders, types 20, 21, 21.1 and 27 for pintle nozzle size 'S1' type 'B'
MCE/22

BS ISO 7270-1:2003+A1:2010

Rubber. Analysis by pyrolytic gas-chromatographic methods. Identification of polymers (single polymers and polymer blends)
PRI/23

BS ISO 7314:2002

Aerospace. Fluid systems. Metal hose assemblies
ACE/69

PD ISO/TR 7620:2005

Rubber materials. Chemical resistance
PRI/70

BS ISO 7663:2005

Halogenated isobutene-isoprene rubber (BIIR and CIIR). Evaluation procedures
PRI/50

BS ISO 7766:2003

Processing photographic wastes. Analysis of cyanides. Determination of hexacyanoferrate(II) and hexacyanoferrate(III) by spectrometry
CPW/42

BS ISO 7879:1997

Diesel engines. Cradle mounted in-line fuel injection pumps. Mounting dimensions
MCE/22

BS ISO 8096:2005

Rubber- or plastics-coated fabrics for water resistant clothing. Specification
TCI/69

BS ISO 8119-3:1992

Textile machinery and accessories. Needles for knitting machines. Terminology. Compound needles
TCI/33

BS ISO 8178-10:2002

Reciprocating internal combustion engines. Exhaust emission measurement. Test cycles and test procedures for field measurement of exhaust gas smoke emissions from compression ignition engines operating under transient conditions
MCE/14/-/3

BS ISO 8267-1:2005

Aircraft. Tow bar attachment fittings interface requirements. Main line aircraft
ACE/57

BS ISO 8267-2:2005

Aircraft. Tow bar attachment fittings interface requirements. Regional aircraft
ACE/57

BS ISO 8296:2003

Plastics. Film and sheeting. Determination of wetting tension
PRI/75

BS ISO 8535-2:2003

Compression ignition engines. Steel tubes for high pressure fuel injection pipes. Requirements for composite tubes
MCE/22

BS ISO 8579-1:2002

Acceptance code for gear units. Test code for airborne sound
MCE/5

BS ISO 9102:1997

Diesel engines. Screw-in injection nozzle holders types 24, 25, 26 and 26.1
MCE/22

BS ISO 9631:2004

Rubber seals. Joint rings for pipelines for hot water supply, drainage and sewerage pipelines up to 110°C. Specifications for the material
PRI/70

BS ISO 10348:1993

Photography. Processing wastes. Determination of silver content
CPW/42

BS ISO 10540-3:2002

Animal and vegetable fats and oils. Determination of phosphorus content. Method using inductively coupled plasma (ICP) optical emission spectroscopy
AW/307

BS ISO 10718:2002

Cork stoppers. Enumeration of colony-forming units of yeasts, moulds and bacteria capable of growth in an alcoholic medium
PRI/81

BS ISO 10834:1992

Textile floor coverings. Non-destructive measurement of pile thickness above the backing. WRONZ gauge method
PRI/3

BS ISO 11377:1998

Textile floor coverings. Floor soiling. Test site set-up and soiling evaluation
PRI/3

BS ISO 11475:2004

Paper and board. Determination of CIE whiteness, D65/10° (outdoor daylight)
PAI/11

BS ISO 12103-2:1997

Road vehicles. Test dust for filter evaluation. Aluminium oxide test dust
MCE/21/2

BS ISO 12606:1997

Cinematography. Care and preservation of magnetic audio recordings for motion-pictures and television
CPW/36

BS ISO 12987:2004

Carbonaceous materials for the production of aluminium. Anodes, cathodes blocks, sidewall blocks and baked ramming pastes. Determination of the thermal conductivity using a comparative method
CII/24

BS ISO 12988-2:2004

Carbonaceous materials used in the production of aluminium. Baked anodes. Determination of the reactivity to carbon dioxide. Thermogravimetric method
CII/24

BS ISO 12989-2:2004

Carbonaceous materials used in the production of aluminium. Baked anodes and sidewall blocks. Determination of the reactivity to air. Thermogravimetric method
CII/24

BS ISO 13476:1997

Road vehicles. Ignition coils. Electrical characteristics and test methods
MCE/9

BS ISO 13555-1:2003

Diesel engines. Procedure for checking the dynamic timing of diesel fuel injection equipment. Preconditioning
MCE/22

BS ISO 13555-2:2003

Diesel engines. Procedure for checking the dynamic timing of diesel fuel injection equipment. Test method
MCE/22

BS ISO 13894-2:2005

High-pressure decorative laminates. Composite elements. Specifications for composite elements with wood-based substrates for interior use
PRI/76

BS ISO 14427:2004

Carbonaceous materials used in the production of aluminium. Cold and tepid ramming pastes. Preparation of unbaked test specimens and determination of apparent density after compaction
CII/24

BS ISO 14487:1997

Pulps. Standard water for physical testing
PAI/11

BS ISO 14808:1997

Photography. Composition of 135-film canisters
CPW/42

BS ISO 15105-2:2003

Plastics. Film and sheeting. Determination of gas-transmission rate. Equal-pressure method
PRI/75

BS ISO 15166-1:1998

Adhesives. Methods of preparing bulk specimens. Two-part systems
PRI/52

BS ISO 15379-1:2004

Carbonaceous materials for the production of aluminium. Cathode block materials. Determination of the expansion due to sodium penetration with application of pressure
CI/24

BS ISO 15379-2:2004

Carbonaceous materials for the production of aluminium. Cathode block materials. Determination of the expansion due to sodium penetration without application of pressure
CI/24

BS ISO/IEC 15457-1:2008

Identification cards. Thin flexible cards. Physical characteristics
IST/17

BS ISO/IEC 15457-3:2008

Identification cards. Thin flexible cards. Test methods
IST/17

BS ISO 15552:2004

Pneumatic fluid power. Cylinders with detachable mountings, 1000 kPa 10 bar series, bores from 32 mm to 320 mm. Basic, mounting and accessories dimensions
MCE/18

BS ISO 15872:2002

Aerospace. UNJ threads. Gauging
ACE/12

BS ISO 15987:2003

Plastics. Film and sheeting. Biaxially oriented polyamide (nylon) films
PRI/75

BS ISO 15988:2003

Plastics. Film and sheeting. Biaxially oriented poly(ethylene terephthalate) (PET) films
PRI/75

BS ISO 16004:2005

Aircraft ground equipment. Passenger boarding bridge or transfer vehicle. Requirements for interface with aircraft doors
ACE/57

BS ISO 16031-2:2003

Aerospace fluid systems. O-Rings, inch series. Inside diameters and cross sections, tolerances and size-identification codes. Standard tolerances for non-hydraulic systems
ACE/69

BS ISO 16132:2004

Ductile iron pipes and fittings. Seal coats for cement mortar linings
PSE/10

BS ISO 16152:2005

Plastics. Determination of xylene-soluble matter in polypropylene
PRI/82

BS ISO 16412:2005

Air cargo equipment. Air cargo pallets. Utilization guidelines
ACE/57

BS ISO 16874:2004

Hydraulic fluid power. Identification of manifold assemblies and their components
MCE/18

BS ISO 17082:2004

Pneumatic fluid power. Valves. Data to be included in supplier literature
MCE/18

BS ISO 17544:2004

Carbonaceous materials used in the production of aluminium. Cold and tepid ramming pastes. Determination of rammability of unbaked pastes
CI/24

BS ISO 17555:2003

Plastics. Film and sheeting. Biaxially oriented polypropylene (PP) films
PRI/75

BS ISO 17557:2003

Plastics. Film and sheeting. Cast polypropylene (PP) films
PRI/75

DD ISO/TS 17996:2006

Cheese. Determination of rheological properties by uniaxial compression at constant displacement rate
AW/5

BS ISO 18922:2003

Imaging materials. Processed photographic films. Methods for determining scratch resistance
CPW/42

BS ISO 18935:2005

Imaging materials. Colour images on paper prints. Determination of indoor water resistance of printed colour images
CPW/42

BS ISO 20202:2004

Carbonaceous materials used in the production of aluminium. Cold and tepid ramming pastes. Preparation of baked test pieces and determination of loss on baking
CI/24

BS ISO 20683-1:2005

Aircraft ground equipment. Design, test and maintenance for towbarless towing vehicles (TLTV) interfaced with nose-landing gear. Main-line aircraft
ACE/57

BS ISO 20683-2:2004

Aircraft ground equipment. Design, test and maintenance for towbarless towing vehicles (TLTV) interfaced with nose-landing gear. Regional aircraft
ACE/57

BS ISO 21287:2004

Pneumatic fluid power. Cylinders. Compact cylinders, 1000 kPa (10 bar) series, bores from 20 mm to 100 mm
MCE/18

BS ISO 21368:2005

Adhesives. Guidelines for the fabrication of adhesively bonded structures and reporting procedures suitable for the risk evaluation of such structures
PRI/52

BS ISO 21561:2005+A1:2010

Styrene-butadiene rubber (SBR). Determination of the microstructure of solution-polymerized SBR
PRI/23

BS ISO 21870:2005

Rubber compounding ingredients. Carbon black. Determination of high-temperature loss on heating by thermogravimetry
PRI/50

BS ISO 22498:2005

Plastics. Vinyl chloride homopolymer and copolymer resins. Particle size determination by mechanical sieving
PRI/82

BS ISO 22702:2003+A1:2008

Utility lighters. General consumer-safety requirements
CW/32

BS 2A 294:1998

(ISO 7403:1998)

Spline drives. Wrenching configuration. Metric series
ACE/12

BS A 323:1998

(ISO 4095:1998)

Bihexagonal drives. Wrenching configuration. Metric series
ACE/12

BS A 324:1998

(ISO 9199:1998)

Nuts, bihexagonal, self-locking, MJ threads, classifications: 1100 MPa (at ambient temperature)/425°C, 1100 MPa (at ambient temperature)/650°C, 1210 MPa (at ambient temperature)/425°C, 1210 MPa (at ambient temperature)/730°C, 1550 MPa (at ambient temperature)/600°C. Dimensions
ACE/12

BS A 325:1998
(ISO 245:1998)

Lockwire. Diameters
ACE/12

BS A 326:1998
(ISO 3230:1998)

Rivets, solid, 100° normal countersunk head with dome, metallic material, with or without surface treatment. Dimensions
ACE/12

BS A 327:1998
(ISO 13589:1998)

Nuts, bihexagonal, self-locking, with counterbore and MJ threads, classifications: 1100 MPa (at ambient temperature)/425°C, 1100 MPa (at ambient temperature)/650°C, 1210 MPa (at ambient temperature)/425°C, 1210 MPa (at ambient temperature)/730°C, 1550 MPa (at ambient temperature)/235°C, 1550 MPa (at ambient temperature)/425°C and 1550 MPa (at ambient temperature)/600°C. Dimensions
ACE/12

BS A 328-1:1999
(ISO 8399-1:1998)

Accessory drives and mounting flanges (Metric sizes). Design criteria
ACE/12

BS A 328-2:1999
(ISO 8399-2:1998)

Accessory drives and mounting flanges (Metric sizes). Dimensions
ACE/12

BS A 329:1999
(ISO 3168:1998)

Nuts, anchor, self-locking, fixed, single lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 330:1999
(ISO 12272:1998)

Nuts, anchor, self-locking, floating, two lug, with incremental counterbore, with MJ threads, classifications: 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/315°C and 900 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 331:1998
(ISO 12258:1998)

Bolts, reduced bihexagonal head, normal or pitch diameter shank, long length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1275 MPa. Dimensions
ACE/12

BS A 332:1999
(ISO 9152:1998)

Aerospace. Bolts, with MJ threads, in titanium alloys, strength class 1100 MPa. Procurement specification
ACE/12

BS A 333:1999
(ISO 3209:1998)

Nuts, anchor, self-locking, floating, two lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 334:1999
(ISO 3221:1998)

Nuts, anchor, self-locking, fixed, 90° corner, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 335:1999
(ISO 3222:1998)

Nuts, anchor, self-locking, fixed, closed corner, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 336:1999
(ISO 3223:1998)

Nuts, anchor, self-locking, fixed, two lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 337:1999
(ISO 3224:1998)

Nuts, anchor, self-locking, floating, single lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 338:1999
(ISO 3225:1998)

Nuts, anchor, self-locking, fixed, two lug, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 339:1999
(ISO 7332:1998)

Nuts, anchor, self-locking, floating, two lug, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 340:1999
(ISO 9156:1998)

Nuts, anchor, self-locking, fixed, 90° corner, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS A 342:1999
(ISO 9139:1998)

Nuts, plain or slotted (castellated). Procurement specification
ACE/12

BS A 343:1999
(ISO 9140:1998)

Nuts, plain or slotted (castellated). Test methods
ACE/12

BS A 344:1999
(ISO 3191:1998)

Nuts, anchor, self-locking, fixed, single lug, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperatures)/235°C, 1100 MPa (at ambient temperature)/315°C, 1100 MPa (at ambient temperature)/425°C. Dimensions
ACE/12

BS 2C 12:1980
(ISO 43:1976)

Specification for jacking pads for aircraft
ACE/12

BS 2G 215-2:1989
(ISO 8056-2:1988)

Nickel-chromium and nickel-aluminium thermocouple extension cables for aircraft. Specification for terminations
ACE/6

BS G 248:1993
(ISO 10296:1992)

Specification for hybrid remote power controllers. General requirements
ACE/6

BS G 250:1994
(ISO 2574:1994)

Specification for identification marking of electric cables
ACE/6

BS G 255:1994

(ISO 8668-5:1992)

Specification for type 3 terminal junction systems

ACE/6

BS M 77:1994

(ISO 11077:1993)

Self-propelled de-icing/anti-icing vehicles. Functional requirements

ACE/57

BS SP 172:1999

(ISO 9418:1998)

Rivets, solid, in aluminium or aluminium alloys. Procurement specification

ACE/12

BS AU 175-3b:1983

(ISO 4030:1983)

Vehicle identification numbers (VIN).

Specification for location and attachment

AUE/15

BS AU 214-3:1988

(ISO 7647:1986)

Gearbox flanges. Specification for dimensions for type S gearbox flanges for commercial vehicles and buses

AUE/13

BS AU 215-2:1987

(ISO 7804:1985)

Power take offs (PTOs). Specification for dimensions of side openings for commercial road vehicles

AUE/13

BS AU 215-3:1988

(ISO 7707:1986)

Power take offs (PTOs). Specification for dimensions of connections for rear mounted power take offs for commercial road vehicles

AUE/13

BS AU 225:1988

(ISO 7803:1987)

Specification for dimensions of steering ball joints for commercial road vehicles

AUE/13

BS AU 226:1988

(ISO 7648:1987)

Specification for nominal dimensions and tolerances of flywheel housings for reciprocating internal combustion engines

AUE/13

BS AU 249:1993

(ISO 7649:1991)

Specification for clutch housings for reciprocating internal combustion engines. Nominal dimensions and tolerances

AUE/13

BS AU 250:1993

(ISO 7651:1991)

Specification for mounting dimensions of alternators, types 1, 2 and 3 for commercial vehicles and buses

AUE/13

BS AU 252:1993

(ISO 8123:1991)

Specification for diametral pitch starter motor pinions for road vehicles

AUE/13

BS AU 265-2:1995

(ISO 6518-2:1995)

Road vehicles. Ignition systems. Electrical performance and function test methods

MCE/9

NEW WORK STARTED

The reference number of the committee responsible for each item of new work started is given after each entry.

Where a work item has the temporary designation "EN XXXX", it has not yet been allocated a standard number by the European standards body.

EN 71-1:2011/A4

Safety of toys. Mechanical and physical properties

CW/15

EN 81-72

Safety rules for the construction and installation of lifts Particular applications for passenger and goods passenger lifts. Firefighters lifts

will supersede BS EN 81-72:2003

MHE/4

CEN/TS WI 00140088

Molecular in-vitro diagnostic examinations.

Specifications for pre-examination processes for selected types of sample

CH/212

CEN/TS WI 00248547

Textiles and textile products. Self-declared environmental claims. Use of terms

TCI/66

EN WI 00248548

Slide (zip) fasteners. Specification

TCI/66

CEN/TS WI 00310094

Requirements for establishing manufacturing enterprise process interoperability. Advanced automation technologies and their applications. Maturity model for assessing enterprise interoperability

AMT/5

EN 203-2-1

Gas heated catering equipment. Specific requirements. Open burners and wok burners

will supersede BS EN 203-2-1:2005

GSE/19

EN 203-2-3

Gas heated catering equipment. Specific requirements. Boiling pans

will supersede BS EN 203-2-3:2005

GSE/19

EN 285

Sterilization. Steam sterilizers. Large sterilizers

will supersede BS EN 285:2006+A2:2009

LBI/35

EN 331

Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings

will supersede BS EN 331:1998+A1:2010

GSE/42

EN 442-1

Radiators and convectors. Technical specifications and requirements

will supersede BS EN 442-1:1996

RHE/6

EN 442-2

Radiators and convectors. Test Methods and rating

will supersede BS EN 442-2:1997

RHE/6

EN 458

Hearing protectors. Recommendations for selection, use, care and maintenance. Guidance document

will supersede BS EN 458:2004

PH/7

EN 936

Chemicals used for treatment of water intended for human consumption. Carbon dioxide

will supersede BS EN 936:2006

CII/59

EN 1026

Windows and doors. Air permeability. Test method

will supersede BS EN 1026:2000

B/538

EN 1027

Windows and doors. Watertightness. Test method

will supersede BS EN 1027:2000

B/538

EN 1075

Timber structures. Test methods. Joints made with punched metal plate fasteners

will supersede BS EN 1075:2000
B/518

EN 1366-10:2011/A1

Fire resistance tests for service installations. Smoke control dampers
FSH/22/-4

EN 1366-11

Fire resistance tests for service installations. Fire protective systems for cable systems and associated components
FSH/22/-4

EN 1397

Heat exchangers. Hydronic room fan coil units. Test procedures for establishing the performance

will supersede BS EN 1397:1999
RHE/17

EN ISO 2746

Vitreous and porcelain enamels. High voltage test

will supersede BS EN 14430:2004
STI/36

EN 4618

Aerospace series. Aircraft internal air quality standards, criteria and determination methods

will supersede BS EN 4618:2009
ACE/6

EN ISO 8407

Corrosion of metals and alloys. Removal of corrosion products from corrosion test specimens

will supersede BS ISO 8407:2009
ISE/NFE/8

CEN/TR 9241-331

Ergonomics of human-system interaction. Optical characteristics of autostereoscopic displays

will supersede PD ISO/TR 9241-331:2012
PH/9

EN ISO 10581

Resilient floor coverings. Homogeneous poly(vinyl chloride) floor covering. Specification
PRI/3/60

EN ISO 11272

Soil quality. Determination of dry bulk density

will supersede BS 7755-5.6:1999
EH/4

EN ISO 11274

Soil quality. Determination of the water-retention characteristic. Laboratory methods

will supersede BS ISO 11274:1998
EH/4

EN ISO 11275

Soil quality. Determination of unsaturated hydraulic conductivity and water-retention characteristic. Wind's evaporation method

will supersede BS ISO 11275:2004
EH/4

EN ISO 11276

Soil quality. Determination of pore water pressure. Tensiometer method

will supersede BS 7755-5.1:1996
EH/4

EN ISO 11461

Soil quality. Determination of soil water content as a volume fraction using coring sleeves. Gravimetric method

will supersede BS ISO 11461:2001
EH/4

EN ISO 11474

Corrosion of metals and alloys. Corrosion tests in artificial atmosphere. Accelerated outdoor test by intermittent spraying of a salt solution (Scab test)

ISE/NFE/8

EN ISO 11508

Soil quality. Determination of particle density

will supersede BS 7755-5.3:1998
EH/4

EN 12210

Windows and doors. Resistance to wind load. Classification

will supersede BS EN 12210:2000
B/538

CEN/TR 12296

Ergonomics. Manual handling of people in the healthcare sector

will supersede PD ISO/TR 12296:2012
PH/9

EN 12309-2

Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances with a net heat input not exceeding 70 kW. Safety

will supersede BS EN 12309-2:2000
GSE/37

EN 12480

Gas meters. Rotary displacement gas meters

will supersede BS EN 12480:2002
GSE/25

CEN/TS 12633

Method of determination of unpolished and polished slip/skid resistance value

will supersede DD ENV 12633:2003
B/507/7

EN 12697-41

Bituminous mixtures. Test methods for hot mix asphalt. Resistance to de-icing fluids

will supersede BS EN 12697-41:2005
B/510/1

EN 12720:2009/A1

Furniture. Assessment of surface resistance to cold liquids

FW/0/1

EN 12721:2009/A1

Furniture. Assessment of surface resistance to wet heat

FW/0/1

EN 12722:2009/A1

Furniture. Assessment of surface resistance to dry heat

FW/0/1

EN 13108-1

Bituminous mixtures. Material specifications. Asphalt Concrete

will supersede BS EN 13108-1:2006
B/510/1

EN 13108-2

Bituminous mixtures. Material specifications. Asphalt Concrete for very thin layers

will supersede BS EN 13108-2:2006
B/510/1

EN 13108-3

Bituminous mixtures. Material specifications. Soft Asphalt

will supersede BS EN 13108-3:2006
B/510/1

EN 13108-4

Bituminous mixtures. Material specifications. Hot Rolled Asphalt

will supersede BS EN 13108-4:2006
B/510/1

EN 13108-5

Bituminous mixtures. Material specifications. Stone Mastic Asphalt

will supersede BS EN 13108-5:2006
B/510/1

EN 13108-6

Bituminous mixtures. Material specifications. Mastic Asphalt

will supersede BS EN 13108-6:2006
B/510/1

EN 13108-7

Bituminous mixtures. Material specifications. Porous Asphalt

will supersede BS EN 13108-7:2006
B/510/1

EN 13108-8

Bituminous mixtures. Material specifications.
Reclaimed Asphalt

will supersede BS EN 13108-8:2005
B/510/1

EN 13108-9

Bituminous mixtures. Material specifications.
Asphalt for Ultra-Thin-Layers

B/510/1

EN 13108-20

Bituminous mixtures. Material specifications.
Type Testing

will supersede BS EN 13108-20:2006
B/510/1

EN 13108-21

Bituminous mixtures. Material specifications.
Factory Production Control

will supersede BS EN 13108-21:2006
B/510/1

EN 13146-1:2012/A1

Railway applications. Track. Test methods for
fastening systems. Determination of
longitudinal rail restraint

RAE/2

EN 13146-4:2012/A1

Railway applications. Track. Test methods for
fastening systems. Effect of repeated loading

RAE/2

EN 13279-2

Gypsum binders and gypsum plasters. Test
methods

will supersede BS EN 13279-2:2004
B/544/1

EN 13524:2003/A2

Highway maintenance machines. Safety
requirements

B/513/-/16

EN 13599

Copper and copper alloys. Copper plate, sheet
and strip for electrical purposes

will supersede BS EN 13599:2002
NFE/34/1

EN 13906-3

Cylindrical helical springs made from round
wire and bar. Calculation and design. Torsion
springs

will supersede BS EN 13906-3:2001
FME/9/3

EN 14214:2012/A1

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

PTI/2

CEN/TS 14237

Textiles for healthcare and social services
facilities

will supersede DD ENV 14237:2002
TCI/66/1

CEN/TS 14578

Plastics piping systems for water supply or
drainage or sewerage. Glass-reinforced
thermosetting plastics (GRP) based on
unsaturated polyester resin (UP). Recommended
practice for installation

will supersede DD CEN/TS 14578:2003
PRI/88/2

CEN/TS 14807

Plastics piping systems. Glass-reinforced
thermosetting plastics (GRP) based on
unsaturated polyester resin (UP). Guidance for
the structural analysis of buried GRP-UP
pipelines

PRI/88/2

EN 15269-6

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.

Fire resistance of sliding timber doorsets
FSH/22/-/5

EN 15383:2012/A1

Plastics piping systems for drainage and
sewerage. Glass-reinforced thermosetting
plastics (GRP) based on polyester resin (UP).
Manholes and inspection chambers

PRI/88/2

EN 15567-1

Sports and recreational facilities. Ropes courses.
Construction and safety requirements

will supersede BS EN 15567-1:2007
SW/136

EN 15567-2

Sports- and recreational facilities. Ropes
courses. Operation requirements

will supersede BS EN 15567-2:2007
SW/136

EN 15804:2012/A1

Sustainability of construction works.
Environmental product declarations. Core rules
for the product category of construction
products

B/558

EN 15882-2

Extended application of results from fire
resistance tests for service installations.

Dampers
FSH/22/-/4

CEN/TS 16190

Footwear. Critical substances potentially present
in footwear and footwear components. Test
method to quantitatively determine Polycyclic
Aromatic Hydrocarbons (PAH) in footwear
materials

TCI/69

EN 16250-1

Levels of performance and acceptance for street
cleaning and municipal waste management
services. General requirements

B/508/1

EN 16489-2

Professional indoor sun exposure services.
Required qualification and competence of the
indoor sun exposure consultant

SVS/19/2

EN 16578

Indoor sun exposure facilities. Requirements for
the provision of services

SVS/19/2

EN 16579

Playing field equipment. Portable and fixed
goals. Functional, safety requirements and test
methods

will supersede BS 8462:2005+A2:2012
SW/136/22

EN 16580

Wet room doors. Resistance to water load. Test
and classification

B/538

EN 16581

Conservation of cultural property. Surface
protection for porous inorganic materials.
Laboratory test methods for the evaluation of
the performance of water repellent products

B/560

EN 16582-1

Domestic swimming pools. General safety
requirements and test methods

SW/136/8

EN 16582-2

Domestic swimming pools. Specific safety
requirements and test methods for inground
pools

SW/136/8

EN 16582-3

Domestic swimming pools. Specific safety
requirements and test methods for
aboveground pools

SW/136/8

EN 16583

Heat exchangers. Hydronic room fan coils units.
Determination of the sound power level

RHE/17

CEN/TR 16589

Laboratory installations. Capture devices with articulated extract arm
LBI/1/1

EN ISO 20349

Personal protective equipment. Footwear protecting against thermal risks and molten metal splashes as found in foundries and welding. Requirements and test method
will supersede BS EN ISO 20349:2010
PH/1

EN 50405

Railway applications. Current collection systems. Pantographs, testing methods for contact strips
will supersede BS EN 50405:2006
GEL/9/2

EN 60034-18-42

Rotating electrical machines. Qualification and acceptance tests for partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters
will supersede DD CLC/TS 60034-18-42:2011
PEL/2

EN 60079-7

Explosive atmospheres. Equipment protection by increased safety 'e'
will supersede BS EN 60079-7:2007
EXL/31

EN 60269-1:2007/A2

Low-voltage fuses. General requirements
PEL/32

EN 60286-2

Packaging of components for automatic handling. Tape packaging of components with unidirectional leads on continuous tapes
will supersede BS EN 60286-2:2009
EPL/40X

EN 60335-2-107:201X/AMD

Household and similar electrical appliances. Safety. Particular requirements for robotic battery powered electrical lawnmowers
CPL/116/4

EN 60398

Installations for electroheating and electromagnetic processing. General test methods
will supersede BS EN 60398:1999
PEL/27

EN 60601-2-52:2010/A1

Medical electrical equipment. Particular requirements for basic safety and essential performance of medical beds
CH/173

EN 60695-8-2

Fire hazard testing. Heat release. Summary and relevance of test methods
GEL/89

EN 60793-1-50

Optical fibres. Measurement methods and test procedures. Damp heat (steady state)
will supersede BS EN 60793-1-50:2002
GEL/86/1

EN 60793-1-51

Optical fibres. Measurement methods and test procedures. Dry heat (steady state)
will supersede BS EN 60793-1-51:2002
GEL/86/1

EN 60793-1-52

Optical fibres. Measurement methods and test procedures. Change of temperature
will supersede BS EN 60793-1-52:2002
GEL/86/1

EN 60793-1-53

Optical fibres. Measurement methods and test procedures. Water immersion
will supersede BS EN 60793-1-53:2002
GEL/86/1

EN 60950-1:2006/AMD

Information technology equipment. Safety. General requirements
EPL/108

EN 61076-2-111

Connectors for electronic equipment. Product requirements. Circular connectors. Detail specification for power connectors M12 with screw-locking
will supersede BS EN 61076-4-111:2002
EPL/48/-/2

EN 61076-4-116:2012/A1

Connectors for electronic equipment. Product requirements. Printed board connectors. Detail specification for a high-speed two-part connector with integrated shielding function
EPL/48

EN 61300-3-53

Fibre optic interconnecting devices and passive components. Basic test and measurement procedures. Examinations and Measurements. Encircled angular flux (EAF) measurement method based on two-dimensional far field data from multimode fibre
GEL/86/2

EN 61320-3

Maritime navigation and radiocommunication equipment and systems. Automatic identification systems (AIS). AIS Simplex Repeater Station. Minimum operational and performance requirements, methods of testing and required test results
EPL/80

EN 61747-2

Liquid crystal display devices. Liquid crystal display modules. Sectional specification
EPL/47

EN 61747-2-2

Liquid crystal display devices. Matrix colour LCD modules. Blank detail specification
will supersede BS EN 61747-2-2:2004
EPL/47

EN 61747-4-1

Liquid crystal display devices. Matrix colour LCD modules. Essential ratings and characteristics
will supersede BS EN 61747-4-1: 2004
EPL/47

EN 61753-081-2

Fibre optic interconnecting devices and passive components. Performance standard. Non-connectorized single-mode fibre optic middle. Scale 1 x N DWDM devices for category C. Controlled environments
GEL/86/2

EN 61800-3:2004/A2

Adjustable speed electrical power drive systems. EMC requirements and specific test methods
PEL/22

EN 61800-5-2

Adjustable speed electrical power drive systems. Safety requirements. Functional
will supersede BS EN 61800-5-2:2007
PEL/22

EN 61800-7-1

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Interface definition
will supersede BS EN 61800-7-1:2008
PEL/22

EN 61800-7-201

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Profile type 1 specification
will supersede BS EN 61800-7-201:2008
PEL/22

EN 61800-7-202

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Profile type 2 specification
will supersede BS EN 61800-7-202:2008
PEL/22

EN 61800-7-203

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Profile type 3 specification
will supersede BS EN 61800-7-203:2008
PEL/22

EN 61800-7-204

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Profile type 4 specification

will supersede BS EN 61800-7-204:2008
PEL/22

EN 61800-7-301

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Mapping of profile type 1 to network technologies

will supersede BS EN 61800-7-301:2008
PEL/22

EN 61800-7-302

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Mapping of profile type 2 to network technologies

will supersede BS EN 61800-7-302:2008
PEL/22

EN 61800-7-303

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Mapping of profile type 3 to network technologies

will supersede BS EN 61800-7-303:2008
PEL/22

EN 61800-7-304

Adjustable speed electrical power drive systems. Generic interface and use of profiles for power drive systems. Mapping of profile type 4 to network technologies

will supersede BS EN 61800-7-304:2008
PEL/22

EN 61811-1

Electromechanical all-or-nothing telecom relays of assessed quality. Generic Specification and blank detail specification

will supersede BS EN 61811-1:1999
EPL/94

EN 61837-2:2011+A1

Surface mounted piezoelectric devices for frequency control and selection. Standard outlines and terminal lead connections. Ceramic enclosures

EPL/48

EN 61837-3

Surface mounted piezoelectric devices for frequency control and selection. Standard outlines and terminal lead connections. Metal enclosure

will supersede BS EN 61837-3:2001
EPL/49

EN 61837-4

Surface mounted piezoelectric devices for frequency control and selection. Standard outline and terminal lead connections. Hybrid enclosure outline

will supersede BS EN 61837-4:2004
EPL/49

EN 61978-1

Fibre optic interconnecting devices and passive components. Fibre optic passive chromatic dispersion compensators. Modulator-integrated laser diode transmitters for 2.5-Gbit/s to 40-Gbit/s fibre optic transmission systems

will supersede BS EN 61978-1:2010
GEL/86/3

EN 62007-1

Semiconductor optoelectronic devices for fibre optic system applications. Specification template for essential ratings and characteristics

will supersede BS EN 62007-1:2009
GEL/86/3

EN 62056-1-0

Electricity metering data exchange. Smart metering standardization framework

PEL/13

EN 62148-15

Fibre optic active components and devices. Package and interface standards. Discrete vertical cavity surface emitting laser packages

will supersede BS EN 62148-15:2010
GEL/86/3

EN 62149-2

Fibre optic active components and devices. Performance standards. 850 nm discrete vertical cavity surface emitting laser devices

will supersede BS EN 62149-2:2009
GEL/86/3

EN 62149-3

Fibre optic active components and devices. Performance standards. Modulator-integrated laser diode transmitters for 2.5-Gbit/s to 40-Gbit/s fibre optic transmission systems

will supersede BS EN 62149-3:2004
GEL/86/3

EN 62149-8

Fibre optic active components and devices. Performance standard. Seeded reflective semiconductor optical amplifier devices

GEL/86/3

EN 62149-9

Fibre optic active components and devices. Performance standards. Seeded reflective semiconductor optical amplifier transceivers

GEL/86/3

EN 62246-1

Reed switches. Generic specification
will supersede BS EN 62246-1:2011
EPL/94

EN 62325-451-2

Framework for energy market communications. Scheduling business process and contextual models for CIM European market

PEL/57

EN 62325-451-3

Framework for energy market communications. Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market

PEL/57

EN 62326-18

Printed boards. Standard on Device Embedded Substrate. Test methods

EPL/501

EN 62343-3-3

Dynamic modules. Performance specification templates. Wavelength selective switches

GEL/86/3

EN 62453-2

Field device tool (FDT) interface specification. Concepts and detailed description

will supersede BS EN 62453-2:2009
AMT/7

EN 62572-3

Fibre optic active components and devices. Reliability standards. Laser modules used for telecommunication

will supersede BS EN 62572-3:2012
GEL/86/3

EN 62767

Air Interface Protocol for local multilingual broadcasting (TA 4)

EPL/100

EN 62776

Double-capped LED lamps for general lighting services. Safety specifications

CPL/34/1

EN 62784-505

Particular requirements for vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts

CPL/61/10

EN 62817

Solar trackers for photovoltaic systems. Design qualification

GEL/82

EN 62826

Surface cleaning appliances. Floor treatment machines with or without traction drive for commercial use. Methods of measuring the performance
CPL/59/6

ISO 389-3

Acoustics. Reference zero for the calibration of audiometric equipment. Reference equivalent threshold force levels for pure tones and bone vibrators

will supersede BS EN ISO 389-3:1999
EH/1/1

ISO 4251-1

Tyres (ply rating marked series) and rims for agricultural tractors and machines. Tyre designation and dimensions, and approved rim contours.

will supersede BS ISO 4251-1:2005+A1:2012
AUE/4

ISO 4251-2

Tyres (ply rating marked series) and rims for agricultural tractors and machines. Tyre load ratings

will supersede BS ISO 4251-2:2005+A1:2011
AUE/4

ISO 4437-4

Plastics piping systems for the supply of gaseous fuels. Polyethylene. Valves

PRI/88

ISO 4548-14

Methods of test for full-flow lubricating oil filters for internal combustion engines. Cold start simulation and hydraulic pulse durability for composite filter housings

MCE/21/5

ISO 606

Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets

MCE/1

ISO/TR 6579-3

Microbiology of food and animal feed. Horizontal method for the detection, enumeration and serotyping of Salmonella. Guidance for serotyping

AW/9

ISO 7027

Water quality. Determination of turbidity

will supersede BS EN ISO 7027:2000
EH/3/2

ISO 7322

Composition cork. Test methods

will supersede BS ISO 7322:2000
PRI/81

ISO 8124-1:2012/A3

Safety of toys. Safety aspects related to mechanical and physical properties
CW/15

ISO 8820-1

Road vehicles. Fuse-links. Definitions and general test requirements

will supersede BS ISO 8820-1:2008
AUE/16

ISO 9869-1

Thermal insulation. Building elements. In-situ measurement of thermal resistance and thermal transmittance. Heat flow meter method
B/540/8

ISO 10140-3:2010/A2

Acoustics. Laboratory measurement of sound insulation of building elements. Measurement of impact sound insulation

EH/1/6

ISO 10545-4

Ceramic tiles. Determination of modulus of rupture and breaking strength

will supersede BS EN ISO 10545-4:2012
B/539

ISO 10545-8

Ceramic tiles. Determination of linear thermal expansion

will supersede BS EN ISO 10545-8:1996
B/539

ISO 11067

Intelligent transport systems. Curve speed warning systems (CSWS). Performance requirements and test procedures
EPL/278

ISO 12643-2

Graphic technology. Safety requirements for graphic technology equipment and systems. Prepress and press equipment and systems

will supersede BS ISO 12643-2:2010
PAI/43

ISO 12643-3

Graphic technology. Safety requirements for graphic technology equipment and systems. Binding and finishing equipment and systems

will supersede BS ISO 12643-3:2010
PAI/43

ISO 12643-4

Graphic technology. Safety requirements for graphic technology equipment and systems. Converting equipment and systems

will supersede BS ISO 12643-4:2010
PAI/43

ISO 13007-5

Ceramic tiles. Grouts and adhesives. Liquid applied waterproof membranes for the installation of ceramic tiles

B/539

ISO 13007-6

Ceramic tiles. Grouts and adhesives. Sheet membranes used in ceramic tile installations
B/539

ISO 13606-3

Health informatics. Electronic health record communication. Reference archetypes and term lists

will supersede BS ISO 13606-3:2009
IST/35

ISO 13606-4

Health informatics. Electronic health record communication. Security

will supersede PD ISO/TS 13606-4:2009
IST/35

ISO 13606-5

Health informatics. Electronic health record communication. Interface specification

will supersede BS EN ISO 13606-5:2010
IST/35

ISO/IEC 13818-1:2007/A4

Information technology. Generic coding of moving pictures and associated audio information. Systems

IST/37

ISO 13843

Water quality. Requirements for establishing performance characteristics of quantitative microbiological methods

will supersede DD ENV ISO/TR 13843:2001
EH/3/4

ISO/IEC 14496-11

Information technology. Coding of audio-visual objects. Scene description and application engine

IST/37

ISO/IEC 14496-27:2009/A5

Information technology. Coding of audio-visual objects. 3D Graphics conformance

IST/37

ISO/IEC 14651:2011/A2

Information technology. International string ordering and comparison. Method for comparing character strings and description of the common template tailorable ordering

IST/5

ISO 14692-1

Petroleum and natural gas industries. Glass-reinforced plastics (GRP) piping. Vocabulary, symbols, applications and materials

will supersede BS EN ISO 14692-1:2002
PSE/17/-/6

ISO 14692-2

Petroleum and natural gas industries. Glass-reinforced plastics (GRP) piping. Qualification and manufacture

will supersede BS EN ISO 14692-2:2002
PSE/17-/6

ISO 14692-3

Petroleum and natural gas industries. Glass-reinforced plastics (GRP) piping. System design

will supersede BS EN ISO 14692-3:2002
PSE/17-/6

ISO 14692-4

Petroleum and natural gas industries. Glass-reinforced plastics (GRP) piping. Fabrication, installation and operation

will supersede BS EN ISO 14692-4:2002
PSE/17-/6

ISO/TS 14934-4

Fire tests. Calibration of heat flux meters. Guidance on the use of heat flux meters in fire tests

will supersede DD ISO/TS 14934-4:2007
FSH/21-/5

ISO 15118-6

Road vehicles. Vehicle to grid communication interface. General information and use-case definition for wireless communication

AUE/16

ISO 15118-7

Road vehicles. Vehicle to grid communication interface. Network and application protocol requirements for wireless communication

AUE/16

ISO 15118-8

Road vehicles. Vehicle to grid communication interface. Physical layer and data link layer requirements for wireless communication

AUE/16

ISO 15382

Radiological protection. Procedures for monitoring the dose to the lens of the eye, the skin and the extremities

NCE/2

ISO/IEC 15444-12:2012/A2

Information technology. JPEG 2000 image coding system. ISO base media file format

IST/37

ISO/TR 15742

Ergonomics of the physical environment. Combined effects of thermal environment, air pollution, acoustics and illumination on humans

PH/9-/1

ISO/TS 15791-2

Plastics. Development and use of intermediate-scale fire tests for products

PRI/26

ISO 15819

Cosmetics. Analytical methods. Nitrosamines. Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC-MS-MS

will supersede BS ISO 15819:2008
CW/217

ISO 15848-1

Industrial valves. Measurement, test and qualification procedures for fugitive emissions. Classification system and qualification procedures for type testing of valves

will supersede BS EN ISO 15848-1:2006
PSE/18/1

ISO 15848-2

Industrial valves. Measurement, test and qualification procedures for fugitive emissions. Production acceptance test of valves

will supersede BS EN ISO 15848-2:2006
PSE/18/1

ISO/IEC 15944-20

Information technology. Business Operational View. Linking business operational view to functional service view

IST/40

ISO 16012

Plastics. Determination of linear dimensions of test specimens

PRI/21

ISO/TS 16189

Footwear. Critical substances potentially present in footwear and footwear components Test method to quantitatively determine dimethylformamide in footwear materials

TCI/69

ISO 16385

Essential oil. Oil of Molle

AW/54

ISO/TS 16530-2

Well integrity. Well integrity for the operational phase

PSE/17-/4

ISO 16637

Radiological protection. Monitoring and internal dosimetry for staff exposed to medical radionuclides as unsealed sources

NCE/2

ISO/TR 16730-2

Fire safety engineering. Assessment, verification and validation of calculation methods

FSH/24

ISO 16890-3

Air filters for general ventilation. Determination of the gravimetric efficiency and the air flow resistance versus the mass of test dust captured

MCE/21

ISO 16996

Solid biofuels. Determination of elemental composition by X-ray fluorescence

PTI/17

ISO 17217-1

Traditional Chinese medicine. Ginseng seeds and seedlings. Panax ginseng CA Meyer

CH/100

ISO/TR 17522

Health informatics. Provisions for Health Applications on Mobile/Smart Devices

IST/35

ISO 17842-1

Safety of amusement rides and amusement devices. Design and manufacture

MCE/3/4

ISO 17842-2

Safety of amusement rides and amusement devices. Operation, maintenance and use

MCE/3/4

ISO/TR 17870

Guidelines on the installation of ceramic wall and floor tiles

B/539

ISO 17911

Document management. Guidelines for long term preservation file format selection and migration methodology

IDT/1/2

ISO/IEC 17960

Information technology. Programming languages, their environments and system software interfaces. Code signing for source code

IST/5

ISO/IEC 17961

Information Technology. Programming languages, their environments and system software interfaces. C Secure Coding Rules

IST/5

ISO 17972-1

Graphic technology. Colour data exchange using CxF. Relationship to CxF3

PAI/43

ISO 17972-4

Graphic technology. Colour data exchange using CxF. Spot colour characterization data

PAI/43

ISO 18063

Rough-terrain trucks. visibility. Test methods and their verification
MHE/7

ISO 18129

Condition monitoring and diagnostics of machines. Approaches for performance diagnosis
GME/21/7

ISO 18159

Document management. Environmental and work place safety regulations affecting microfilm processors
IDT/1/2

ISO 18160

Document management. Digital preservation. Analog recording to silvergelatin microform
IDT/1/2

ISO 18220

Water quality. Larval development test with the harpacticoid copepod *Nitocra spinipes*
EH/3/5

ISO 18363

Animal and vegetables fats and oils. Determination of fatty-acid-bound 3-chloropropane-1, 2-diol (3-MCPD) and 2, 3-epoxy-propane-1-ol (glycidol). Differential method using GC/MS
AW/307

ISO/IEC 18367

Cryptographic algorithms and security mechanisms conformance testing
IST/33

ISO 18461

International museum statistics
IDT/2/15

ISO/TS 18528

Functional classification of health informatics standards
IST/35

ISO 18531

Implants for surgery. Calcium phosphate bioceramics. Characterization of hardening bone paste materials
CH/150/1

ISO 18535

Diamond-like carbon films. Determination of friction and wear characteristics of diamond-like carbon films by ball-on-disc method
STI/33

ISO 18555

Determination of thermal conductivity of thermal barrier coatings
STI/33

ISO 18556

Dentistry. Heidemann spatulas
CH/106/4

ISO 18559

Dentistry. Spatulas for dental materials
CH/106

ISO 18562-1

Biocompatibility evaluation of respiratory gas pathways in healthcare applications. Evaluation and testing within a risk management process
CH/121/5

ISO 18562-2

Biocompatibility evaluation of respiratory gas pathways in healthcare applications. Tests for emissions of particulate matter
CH/121/5

ISO 18562-3

Biocompatibility evaluation of respiratory gas pathways in healthcare applications. Tests for emissions of volatile organic compounds (VOCs)
CH/121/5

ISO 18562-4

Biocompatibility evaluation of respiratory gas pathways in healthcare applications. Tests for leachables in condensate
CH/121/5

ISO 18563-1

Non-destructive testing. Characterization and verification of ultrasonic phased array equipment. Instruments
WEE/46

ISO 18563-3

Non-destructive testing. Characterization and verification of ultrasonic phased array equipment. Combined system
WEE/46

ISO 18564

Machinery for forestry. Noise measurement method. Engineering method (Grade 2 accuracy)
AGE/29

ISO 18580

Motorcycles. Verification of total running resistance force during mode running on a chassis dynamometer
AUE/14

ISO 18586

Requirements for basic safety and essential performance for Electroacupuncture Stimulator
CH/100

ISO 18597

Dolly pallets. Principal requirements and test methods
PKW/0/-11

ISO 18796

Petroleum, petrochemicals and natural gas industries. Internal coating and lining of carbon steel process vessels
PSE/17

ISO 18797

Petroleum, petrochemicals and natural gas industries. External coating of riser pipes by poly-chloroprene elastomer specification
PSE/17

ISO/TR 18800

Information and documentation. Implementation guidelines for disposition of records
IDT/2/17

ISO/TS 19407

Footwear. Sizing. Conversion of International sizing systems
TCI/69

ISO 20752

Cork stoppers. Determination of releasable 2, 4, 6-trichloroanisol (TCA)
will supersede BS ISO 20752:2007
PRI/81

ISO 20785-3

Dosimetry for exposures to cosmic radiation in civilian aircraft. Measurements at aviation altitudes
NCE/2

ISO 21909-1

Passive neutron dosimetry systems. Performance and test requirements for personal dosimetry
NCE/2

ISO 22034-2

Steel wire and wire products. Tolerances on wire dimensions
ISE/106

ISO 22901-3

Road vehicles. Open diagnostic data exchange (ODX). Fault symptom exchange description (FXD)
AUE/16

ISO/IEC 23000-11:2009/A3

Information technology. Multimedia application format (MPEG-A). Stereoscopic video application format
IST/37

ISO/IEC 23001-9

Information technology. MPEG systems technologies. Common encryption of MPEG-2 transport streams
IST/37

ISO/IEC 23002-5:201X/A1

Information technology. MPEG video technologies. Reconfigurable media coding conformance and reference software
IST/37

ISO 23205

Agricultural tractors. Instructional seat
will supersede BS ISO 23205:2006
AGE/6

ISO 24631-1

Radiofrequency identification of animals. Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code)

will supersede BS ISO 24631-1:2009
AGE/6/1

ISO 24631-2

Radiofrequency identification of animals. Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785

will supersede BS ISO 24631-2:2009
AGE/6/1

ISO 24631-3

Radiofrequency identification of animals. Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785

will supersede BS ISO 24631-3:2009
AGE/6/1

ISO 24631-4

Radiofrequency identification of animals. Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785

will supersede BS ISO 24631-4:2009
AGE/6/1

ISO/IEC 24744

Software Engineering. Metamodel for Development Methodologies

will supersede BS ISO/IEC 24744:2007+A1:2010
IST/15

ISO/IEC 27033-1

Information technology. Security techniques. Network security. Overview and concepts

will supersede BS ISO/IEC 27033-1:2009
IST/33/-/4

ISO/IEC 27044

Security Information and Event Management (SIEM)

IST/33

ISO/IEC 29134

Privacy impact assessment
IST/33

IEC 60092-501

Electrical installations in ships. Special features. Electric propulsion plant

will supersede BS IEC 60092-501:2007
JPEL/18

IEC/TS 60204-34

Safety of machinery. Electrical equipment of machines. Requirements for machine tools
MCE/3

IEC/TR 61292-9

Optical amplifiers. Semiconductor optical amplifiers

GEL/86/3

IEC/TR 61375-2-7

Electronic railway equipment. Train communication network (TCN). Wireless train backbone

GEL/9/-/4

IEC/TR 61641

Guide for testing under conditions of arcing due to internal fault

PEL/17/3

IEC/TS 62325-503

Framework for energy market communications. Market data exchanges guidelines for the IEC 62325-351 profile

PEL/57

IEC/TS 62326-16

Printed boards. Device embedded substrate technology. Generics

EPL/501

IEC/TS 62326-17

Printed boards. Device embedded substrates. TEG (test element group)

EPL/501

IEC/TS 62326-19

Printed boards. Device embedded substrate.

Design guide

EPL/501

ISO/TS 80004-9

Nanotechnologies. Vocabulary. Nano-enabled electrotechnical products and systems

NTI/1

ISO/TS 80004-10

Nanotechnologies. Vocabulary. Nano-enabled photonic components and systems

NTI/1

ISO/TS 80004-11

Nanotechnologies. Vocabulary. Nanolayer, nanocoating, nanofilm, and related terms

NTI/1

DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – NATIONAL BRITISH STANDARDS

You may comment online on any British Standard of national origin using the BSI Draft Review system. All you need to do is register at <http://drafts.bsigroup.com>. This service is free of charge.

Deadlines for receipt of comments on each of the individual drafts can be found at <http://drafts.bsigroup.com>. The deadline for the following drafts is **30 April, 2013** unless otherwise stated.

If you would like to receive these drafts in hard copy format, they are available for a fee from BSI Customer Services (see 'How to order' on page 2).

13/30174947 DC

BS 6867 Maintenance of electrical switchgear and controlgear for voltages above 36 kV. Code of practice
PEL/17

13/30199128 DC

BS 6891 Specification for the installation and maintenance of low pressure gas installation
GSE/30

13/30241578 DC

BS 8233 Guidance on sound insulation and noise reduction for buildings
B/564/-/1

13/30250705 DC

BS 6349-1-1 Maritime works. General. Code of practice for planning and design for operations
£18.00 members, £36.00 non-members
CB/502

13/30251393 DC

BS 8900-1 Managing sustainable development. Guide
SDS/1

13/30259799 DC

BS 8595 Code of practice for the selection of water reuse systems
CB/506

13/30264261 DC

BS 7121-2-4 Code of practice for the safe use of cranes. Inspection, maintenance and thorough examination. Loader cranes
MHE/3/11

13/30264663 DC

BS 7346-7 Components for smoke and heat control systems. Code of practice on functional recommendations and calculation methods for smoke and heat control systems for covered car parks
FSH/25

WTO NOTIFICATIONS

UNITED STATES OF AMERICA

G/TBT/N/USA/164/Add.5

20 February 2013

On 27 July 2009, NHTSA published a final rule that amended the Federal motor vehicle safety standard for air brake systems by requiring substantial improvements in stopping distance performance on new truck tractors. This final rule responds to petitions for reconsideration of a 27 July 2011 final rule that slightly relaxed the stopping distance requirement for typical loaded tractors tested from an initial speed of 20 mph. NHTSA is granting the request to remove the stopping distance requirements for speeds of 20 mph and 25 mph and denying the request to relax the stopping distance requirements for speeds between 30 mph and 55 mph. DATES: This final rule is effective 11 February 2013. Petitions for reconsideration must be received not later than 28 March 2013.

KINGDOM OF SAUDI ARABIA

G/TBT/N/SAU/516

31 January 2013

Testing procedures and test report format for pattern examination of fuel dispensers for motor vehicles Test equipment and test conditions, testing procedures, additional testing procedures for electronic dispensers, test report format and check list. The purpose of this recommendation is to facilitate the recognition of test results among countries. In this way, duplication of tests can be avoided, thereby simplifying considerably the work associated with pattern approval. **Relevant documents:** <http://www.saso.org.sa>

ISRAEL

G/TBT/N/ISR/655

25 February 2013

Revision of the Mandatory Standard SI 218. This draft standard .revision is an implementation of both the International Standard ISO 3996 - Third edition: 1995-02-01 and the American Code of Federal Regulations (CFR) Title 49 CFR Ch. V (10-1-11 Edition) Part 571 -§ 571.106 Standard No.106, and allows compliance with either of them, with the following changes that appear in the standard's Hebrew section:

- Changes paragraph 2 dealing with the normative references of both adopted documents to fit Israel's legislation;
- Removes from the adopted American Traffic Regulation FMVSS 106 all devices exceeding this standard's scope to include only tubes for hydraulic braking systems and therefore deletes the following paragraphs: S7; S8; S9; S10; S11 and S12.

CANADA

G/TBT/N/CAN/350/Add.1

28 February 2013

Regulations Amending the On-Road Vehicle and Engine Emission Regulations (On-Board Diagnostic Systems for Heavy-Duty Engines and Other Amendments). The proposed amendments notified in G/TBT/N/CAN/350 (dated 11 November 2011) were adopted 31 January 2013 as the Regulations Amending the On-Road Vehicle and Engine Emission Regulations (On-Board Diagnostic Systems for Heavy-Duty Engines and Other Amendments). These Regulations come into force on 1 January 2014. The full text of the adopted measure can be downloaded from the Internet addresses below: <http://www.gazette.gc.ca/rp-pr/p2/2013/2013-02-13/html/sor-dors8-eng.html> (English)

JAPAN

G/TBT/N/JPN/413

29 January 2013

[In order to take necessary measures to reduce emission gas from diesel motor vehicles under off-cycle conditions.](#) Partial amendment of the "Public Notice that Prescribes Details of Safety Regulations for Road Transport Vehicles" (Public Notice of the Ministry of Land, Infrastructure, Transportation and Tourism, No. 619 of 2002) and a relevant regulation in order to prevent increases of emissions from diesel motor vehicles under Off-Cycle conditions.

VCA END OF SERIES PROVISIONS



END OF SERIES PROVISIONS

These are available for all upcoming new Standards as outlined in the following table. The conditions for application follow.

EC DIRECTIVES WITH AN APPLICATION DATE TO ALL NEW REGISTRATIONS UP TO 31st December 2020

EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EC) 692/2008	LIGHT DUTY EMISSIONS Euro 5b emissions with Euro 5 OBD	M1G social needs Euro 5a with Euro 5 OBD	1/9/2012
DIRECTIVE 2010/52/EC	TRACTORS MULTI-SUBJECT	Tractors of categories T1, T2 & T3	2/9/2012
REGULATION (EC) 78/2009	PEDESTRIAN PROTECTION Annex 1 Section 2 or 3 of 78/2009	M1 less than 2500kg and N1 less than 2500kg.	31/12/2012
REGULATION (EC) 692/2008	LIGHT DUTY EMISSIONS Euro 5b emissions with Euro 5 OBD	M, N1 Class I, II & III, N2, M1 specific social needs Euro 5a emissions with Euro 5 OBD vehicles, Euro 6a emissions with Euro 6- OBD vehicles	1/1/2013
2005/49/EC(& Decision 2005/50/EC)	EMC: Prohibition of 24GHz radar	Vehicles with short-range radar (No radar = not affected)	1/7/2013
REGULATION (EU) 595/2009	HEAVY DUTY EMISSIONS	M and N Vehicles with reference mass of 2610 kg or over - compliance with Euro VI limits and EC Reg 595/2009/EC	31/12/2013
REGULATION (EC) 692/2008	LIGHT DUTY EMISSIONS	M and N1 Class 1, II & III, N2, M1 specific social needs (excluding M1G) Euro 5b emissions with Euro 5 OBD vehicles and Euro 6b emissions with Euro 6- OBD	1/1/2014



EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EU) 661/2009	VEHICLE SAFETY & TYRES	<p>M2 and M3 to comply with Article 7 of 661/2009/EC</p> <p>N and O vehicles to comply with Article 6 of 661/2009/EC</p> <p>All categories of vehicles fitted with tyres that comply with Article 8, 9(1) and 9(4) of 661/2009/EC and meet Annex II Part A (wet grip requirements) and Part B Table 1 (rolling resistance req.) excluding C3 tyres</p> <p>M1 manuals with ref mass not exceeding 2610 and other vehicles which have manual gear and approval under Article 2(2) of EC Reg 715/2007 to be equipped with gear shift indicators</p> <p>All categories of vehicle to comply with Article 5 of 661/2009</p>	1/11/2014
REGULATION (EU) 523/2012	TPMS	M1 vehicles to be fitted with TPMS	1/11/2014
REGULATION (EC) 661/2009	<p>ELECTRONIC STABILITY CONTROL</p> <p>Mandatory fitment</p>	<p>M1 and N1</p> <p>M3 Class 3,</p> <p>M3 <16 tonnes with pneumatic transmission</p> <p>N2 excluding hydraulic, pneumatic and hydraulic energy transmission,</p> <p>N3</p> <p>O category</p>	1/11/2014
REGULATION (EU) 407/2011	Mandatory compliance with UNECE Regulations	All	1/11/2014



EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EU) 407/2011	Mandatory compliance with UNECE Reg 13 Supp 3 to 11 series or UNECE Reg 13H Supp 9	N1	1/11/2014
REGULATION (EU) 1230/2012	Masses & Dimensions	Vehicles approved according to Article 7 of 97/27/EC	1/11/2014
REGULATION (EC) 661/2009	ELECTRONIC STABILITY CONTROL Mandatory fitment	M2 M3 Class II and B and Class III Hydraulic transmission N2 Hydraulic transmission	11/7/2015
REGULATION (EU) 78/2009	PEDESTRIAN PROTECTION: Annex 1 Section 4 of 78/2009	N1 new category vehicles	24/08/2015
REGULATION (EC) 715/2007	LIGHT EMISSIONS	Cats M & N1 Class 1, M1 specific social needs (excluding M1G) Vehicles that don't comply with Euro 6b emissions with Euro 6 ODB	1/9/2015
REGULATION (EU) 347/2012	ADVANCED EMERGENCY BRAKING SYSTEMS APPROVAL LEVEL 1	M2, M3, N2, N3 with exceptions	1/11/2015
REGULATION (EC) 661/2009	ELECTRONIC STABILITY CONTROL Mandatory fitment	M3 Class II and III pneumatic control and hydraulic energy transmission N2 pneumatic control and hydraulic energy transmission	11/7/2016
REGULATION (EC) 715/2007	LIGHT EMISSIONS	Category N1 Class II & III, N2 Vehicles that don't comply with Euro 6b emissions with Euro 6 ODB	1/9/2016
REGULATION (EU) 1229/2012	EC SMALL SERIES TYPE APPROVAL	EC Small Series issued before 1/11/2012 lose validity	31/10/2016



EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EC) 661/2009	TYRES	M, N and O vehicles fitted with tyres that comply with Annex II Part C Table 1 (tyre rolling noise requirements) and Annex II Part B Table I (tyre rolling resistance requirements) including C3 class tyres	1/11/2016
2006/40/EC	<u>AIR CONDITIONING SYSTEMS</u> : Prohibition on using systems with gas with a global warming potential (GWP) greater than 150	M1 & N1 (Class 1), or STU	1/1/2017
REGULATION (EC) 78/2009	PEDESTRIAN PROTECTION: Annex 1 Section 3 of 78/2009	M1 max mass <2500kg N1 max mass <2500Kg	24/2/2018
REGULATION (EC) 661/2009	TYRES	M, N and O vehicles fitted with C1 and C2 tyres that comply with Annex II Part B Table 2 rolling resistance limits	1/11/2018
REGULATION (EU) 347/2012	ADVANCED EMERGENCY BRAKING SYSTEMS APPROVAL LEVEL 2	M2, M3, N2, N3 with exceptions	1/11/2018
REGULATION (EC) 78/2009	PEDESTRIAN PROTECTION: Annex 1 Section 3 of 78/2009	M1 max mass >2500kg N1 max mass >2500kg	24/8/2019
REGULATION (EC) 661/2009	TYRES	M, N and O vehicles fitted with C3 tyres that comply with Annex II Part B Table 2 rolling resistance limits	1/11/2020



We will be organising end-of-series exercises according to the rules below:

For ECWVTA vehicles

If you have stocks of vehicles still unsold which will not comply with the requirements of the Directive listed, then we can allow a further period of 12 months from the specified 'must comply' date during which the vehicle can enter into service (18 months in the case of a 'multi-stage' vehicle, for instance one which is built by one company and completed by another). To encourage an early move to the newer standard, this allowance can only be given for vehicles covered by an EC certificate of conformity which remains valid for three months or more before the date specified in the Directive. As an example, if a Directive specifies that a vehicle must comply by 1/1/2011, we can allow derogation **ONLY** for vehicles which have a COC issued before 1/10/2010. A vehicle manufactured on or after 1/10/2010 that does not comply with the new standard must be registered before 1/1/2011.

New Small Series National Type Approval (SSNTA) and EC Small Series Type Approval (ECSSTA) schemes fall under the RFD and therefore the 3 month rule will apply to them as well.

For Agricultural Tractors

Derogation will be for up to 10% of the total numbers of tractors put into service by the manufacturer during the 24 months previous to the into-force date of the new standard. Derogated vehicles must be manufactured before the into force date of the new standard.

Where 10% would be less than 20, 20 tractors may be derogated.

The derogation period will run for 24 months from the introduction of the new standard for complete vehicles and 30 months for completed vehicles.

ADDITIONAL IMPORTANT INFORMATION

Note 1

No amendment to the approval of a type of vehicle shall be required if the new requirements are from a technical point of view, irrelevant to that type of vehicle or concern categories of vehicle other than the category to which it belongs.

Hence the approval of a type of vehicle that does not need to be amended, under the terms of Article 14.4 of the RFD, remains valid. Inherently, therefore, CoCs for that type of vehicle should be considered valid and the manufacturer need not take advantage of the end-of-series provisions in Article 27.1.

If the end-of-series provisions are not utilized then no submission to VCA is required.

Note 2

Multistage build

The UK has opted for the 3 month rule on vehicles approved under 2007/46/EC. For multi stage build, either the first stage manufacturer or the second stage manufacturer could apply for derogation, but the applicant must meet the requirements which amongst other things include the requirement to have a EC COC issued more than 3 months before it loses its validity due to the introduction of new legislation.



If the first stage manufacturer applies for the derogation, the second stage manufacturer can rely on that derogation, as long as no changes are made to the vehicles that affect the validity of the derogation. So for emissions where the first stage manufacturer applies for the derogation, the second stage manufacturer mustn't make any changes to the vehicle that affect the emissions approval. As long as the first stage manufacturer issues an incomplete COC and identifies vehicles which he will be passing to a second stage manufacturer, then the end of series derogation will be for a period of 18 months.

HOW TO APPLY

You should apply stating the technical or economic reasons for the application. Applications should be submitted as soon as is practical preferably 1 month before a new standard comes in for applications under the 3 month rule.

You need to submit a list of the vehicles affected, arranged (where necessary) in model order. Specify the VIN number and the approval number and the date of production. For applications under the % rules please provide a short statement with the number of vehicles registered in the previous 12 /24 months. This list should be in Excel. You should specify the Directive from which you are seeking derogation.

A pro-forma application form follows on the next page :-



Derogation Application from Directive / EC Reg No

Part A

1. Make (Trade name of manufacturer):	
2. Vehicle type:	
3. Name and address of manufacturer:	

For converters only

1. Make (Trade name of converters):	
2. Vehicle type:	
3. Name and address of converter:	

Part B

Please state the economic and/or technical reasons on which this application is based:

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Part C

Please provide a separate excel spreadsheet (not pdf's) with the following details:

Make	Model	Type Approval No. (If relevant)	VIN No's.	Date of Production of Base Vehicle	Date of Completion of Conversion (If relevant)

Part D

The total number of vehicles	
------------------------------	--



applied for in Part C above is:	
The total number of vehicles of this kind sold in the previous *12 / **24 month period is: (only required for percentage based end of series allowances) * For GVNTA 12 month figure ** For Tractors 24 month figure	

Part E

The particulars set out in Part C to this notice in relation to each vehicle listed in that part are accurate. The vehicles listed are intended for use in the United Kingdom.

Dated	
Signature	
Name	
On behalf of	



NRMM & TRACTOR SELL OFF & FLEXIBILITY SCHEME

2 YEAR SELL OFF PROVISION

There are two separate and distinct derogations in the tractor emissions Directive and NRMM emissions Directive. The first of these is the optional 2-year sell-off period, which allows Member States to postpone into service dates by 2 years for engines manufactured before the Stage change date. UK chose to allow this delay. It is worth noting that Directive 2005/13/EC introducing Stages IIIA, B & IV makes this delay mandatory for these Stages rather than leaving it to Member States to choose whether or not to allow it.

VCA does not need to keep any record of engines entering into service under these 2-year delay allowances, so no lists will need to be submitted by manufacturers in respect of this.

FLEXIBILITY SCHEME

The second form of derogation is the flexibility scheme. Broadly speaking this scheme allows tractor and NRMM manufacturers (hereafter referred to as OEM's) to procure a limited number of engines that meet only the previous Stage of emissions limits and then sell tractors/NRMM fitted with these engines. The intent of this scheme is to allow OEM's to delay the redesign of niche products e.g. vineyard tractors. We are obliged to include the flexibility provisions in our transposition of the Directives. Requirements for the flexibility scheme are set out in Annex IV of Directive 2000/25/EC, as amended by Directive 2005/13/EC, and Annex XIII of 97/68/EC and these do require record keeping by the type approval authority. Further explanation of the flexibility scheme is set out below.

An OEM must submit an application to an approval authority, in the period between two emission stages, to use the flexibility scheme to procure engines complying with the immediately preceding emissions stage. Applications must declare the number of engines for inclusion for placement on the market, which the tractor manufacturer must decide using one of two options:

The number of an OEM's products placed on the flexibility scheme should not exceed 20% of their annual sales by engine category as defined by power output. An Annex listing engine categories is attached. Such numbers are calculated as the average of the latest 5 years sales on the EU market. An OEM may have marketed products in the EU for less than 5 years. If so, the average will be calculated based on the period it has done so in the EU.

Directives 2011/72/EU and 2011/88/EU amend this percentage to 40% (for tractors) and 37.5% (for NRMM). However until the transposition of these directives is complete VCA cannot apply the revised allowances.

Alternatively, the OEM may request that his engine suppliers place on the market a fixed number of engines, in each category as follows:

ENGINE CATEGORY	NUMBER OF ENGINES
19-37Kw	200
37-75Kw	150
75-130Kw	100
130-560kw	50



The revised allowances for tractors are:-

ENGINE CATEGORY	NUMBER OF ENGINES
19-37Kw	200
37-75Kw	175
75-130Kw	250
130-560kw	125

The revised allowances for NRMM are:-

ENGINE CATEGORY	NUMBER OF ENGINES
37-56kW	200
56 -75Kw	175
75-130Kw	250
130-560kw	125

But please note we can't apply the new allowances until transposition of the Directives is complete.

OTHER INFORMATION TO BE SUPPLIED BY THE OEM TO THE APPROVAL AUTHORITY (VCA)

Labels

The OEM's application to an approval authority must provide an application form obtainable by emailing flexibility@vca.gov.uk, a brochure for the equipment, the type approval documentation for the engines and a sample of the following labels,

Labels to be stuck to each tractor placed on the market under the flexibility scheme. Such labels would state, "MACHINE NO...OF... WITH ENGINE SERIAL NUMBER AND ENGINE TYPE APPROVAL NO....."

A sample of the supplementary label to be affixed on the engine should bear the words, "engine placed on the market under the flexibility scheme". This label would normally come from the engine manufacturer and may incorporate other engine information as well.

For Tractor flexibility the OEM must inform the approval authorities of each Member State that they have been granted use of the flexibility scheme. This is no longer required for NRMM flexibility.

For Tractor flexibility the OEM must submit a report every six months to the approval authorities of each Member State on their products and engines placed on the market under the flexibility scheme. This report would provide details of engine and machine serial numbers and the Member States where they have been entered into service. These procedures shall continue as long as a flexibility scheme is still in progress. This is no longer required for the NRMM flexibility scheme although information should be provided on request from approval authorities.



<i>Power Output (P) in kW</i>	<i>Production date</i>	<i>Date of initial entry into service</i>	<i>Category</i>	<i>Emissions Stage</i>
130 ≤P ≤560	On or before 30.12.2005	31.12.2007 to 30.12.2012	H	IIIA
	31.12.2005 to 30.12.2010	31.12.2005 to 30.12.2012	H	IIIA
	On or before 30.12.2010	31.12.2012 to 30.12.2015	L	IIIB
	31.12.2010 to 30.12.2013	31.12.2010 to 30.12.2015	L	IIIB
	On or before 30.12.2013	31.12.2015 onwards	Q	IV
	31.12.2013 onwards	31.12.2013 onwards	Q	IV
75 ≤P <130	On or before 30.12.2006	31.12.2008 to 30.12.2013	I	IIIA
	31.12.2006 to 30.12.2011	31.12.2006 to 30.12.2013	I	IIIA
	On or before 30.12.2011	31.12.2013 to 29.09.2016	M	IIIB
	31.12.2011 to 29.09.2014	31.12.2011 to 29.09.2016	M	IIIB
	On or before 29.09.2014	30.09.2016 onwards	R	IV
	30.09.2014 onwards	30.09.2014 onwards	R	IV
56≤P <75	On or before 30.12.2003	31.12.2005 to 30.12.2009	G	II
	31.12.2003 to 30.12.2007	31.12.2003 to 30.12.2009	G	II
	On or before 30.12.2007	31.12.2009 to 30.12.2013	J	IIIA
	31.12.2007 to 30.12.2011	31.12.2007 to 30.12.2013	J	IIIA
	On or before 30.12.2011	31.12.2013 to 29.09.2016	N	IIIB
	31.12.2011 to 29.09.2014	31.12.2011 to 29.09.2016	N	IIIB
	On or before 29.09.2014	30.09.2016 onwards	R	IV
	30.09.2014 onwards	30.09.2014 onwards	R	IV
37 ≤P <56	On or before 30.12.2007	31.12.2009 to 30.12.2014	J	IIIA
	31.12.2007 to 30.12.2012	31.12.2007 to 30.12.2014	J	IIIA
	On or before 30.12.2012	31.12.2014 onwards	P	IIIB
	31.12.2012 onwards	31.12.2012 onwards	P	IIIB
19 ≤P <37	On or before 30.12.2006	31.12.2008 onwards	K	IIIA
	31.12.2006 onwards	30.12.2006 onwards	K	IIIA
18 ≤P <19	31.12.2001 onwards	31.12.2001 onwards	D	II



Separate Shipment

The transition to the Stage IIIB emissions standard for non-road mobile machinery engines has led to questions about whether it is permissible for an engine manufacturer to ship engines and exhaust after treatment devices to machine builders in separate packages. These questions have arisen because, whilst some interested parties have pointed out that the engine does not meet the requirements of the legislation unless it is assembled as a complete system with the after treatment, an engine assembled with the complete exhaust system for the machine into which it will be fitted would be a very bulky and expensive package to ship.

There is no objection to an engine manufacturer shipping the engine itself and the exhaust after treatment devices that go with it to a machine builder in separate packing cases providing that these are despatched effectively simultaneously, or that the engine is despatched shortly after the after treatment device, and that appropriate care has been taken to ensure that the machine builder will be able to identify and assemble the components properly. There is not likely to be an objection to an engine manufacturer arranging direct delivery of an after treatment device from his supplier to the machine builder on the same basis as he might separately ship the engine and the after treatment device from his own works. If the after treatment device were to be shipped significantly after shipment of the engine, however, or if the machine builder were to be left to order the device himself, the engine would be likely to be considered to have been placed on the market illegally.



Updated Regulations - Supplied by InterRegs
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GLOBAL AUTOMOTIVE REGULATIONS:

Canada

MVSR (Motor Vehicle Safety Regulations) – Amended.
CMVSS 203 – Driver Impact Protection and Steering Control System – Amended.
CMVSS 204 – Steering Column Rearward Displacement – Amended.
CMVSS 208 – Occupant Protection in Frontal Impacts – Amended.
CMVSS 212 – Windshield Mounting – Amended.
CMVSS 219 – Windshield Zone Intrusion – Amended.

China

GB/T 18655-2010 – Radio Disturbance Characteristics – Limits and Methods of Measurements – Issued.

ECE

Mutual Resolution (M.R. No. 1) of the 1958 and the 1998 Agreements – Issued.
Regulation No. 6-01 – Direction Indicators – Amended.
Regulation No. 13-11 – Braking – Amended.
Regulation No. 13-H – Passenger Car Braking – Amended.
Regulation No. 23-00 – Reversing Lamps for Power-Driven Vehicles and their Trailers – Amended.
Regulation No. 30-02 – Pneumatic Tyres – Amended.
Regulation No. 34-02 – Prevention of Fire Risks – Amended.
Regulation No. 37-03 – Approval of Filament Lamps – Amended.
Regulation No. 43-01 – Approval of Safety Glazing Materials – Amended.
Regulation No. 44-04 – Child Restraint Systems – Amended.
Regulation No. 64-02 – Temporary-Use Spare Wheel/Tyre, Run Flat Tyres, TPMS – Amended.
Regulation No. 77-00 – Parking Lamps for Power-Drive Vehicles – Amended.
Regulation No. 83-06 – Emissions – Light Duty Vehicles – Amended.
Regulation No. 90-02 – Replacement Brake Lining Assemblies – Amended.
Regulation No. 92-01 – Replacement Silencing Systems (RESS) for Motorcycles – Issued.
Regulation No. 98-01 – Gas-Discharge Lamp Units – Amended.
Regulation No. 106-00 – Pneumatic Tyres for Agricultural Tractors – Amended.
Regulation No. 112-01 – Motor Vehicle Headlamps – Amended.
Regulation No. 113-01 – Motor Vehicle Headlamps – Issued.
Regulation No. 117-02 – Tyres with Regard to Rolling Sound Emissions – Amended.
Regulation No. 125-00 – Forward Field of Vision of the Motor Vehicle Driver – Amended.

EEC

Commission Delegated Regulation (EU) 114/2013 – CO₂ Emissions Targets for New Light Commercial Vehicles – Issued.
Commission Regulation (EU) 143/2013 – CO₂ Emissions from Vehicles Submitted to Multi-stage Type-Approval – Issued.
Directive 2007/46/EC – Approval of Motor Vehicles and their Trailers – Amended.
Commission Regulation 692/2008 – Emissions – Light Duty Vehicles – Amended.

Great Britain

S.I. 2001 No. 3523 – Passenger Car Fuel Consumption and CO₂ Emissions Regulations 2001 – Amended

India

AIS-017 (Part 2) – Procedure for Type Approval, Certification of Agricultural Tractors for Compliance to Central Motor Vehicle Rules - Issued

AIS-073 (Part 1) - Automotive Vehicles – Wheel Rims for Two and Three Wheeled Vehicles – Light Alloy Wheel Rims – Method of Test and Requirements- Issued

AIS-073 (Part 2) - Automotive Vehicles – Wheel Rims for Two and Three Wheeled Vehicles – Sheet Metal Wheel Rims – Method of Test and Requirements - Issued

AIS-073 (Part 3) - Automotive Vehicles – Wheel Rims for Two and Three Wheeled Vehicles – Spoke Wheel Rims – Method of Test and Requirements- Issued

AIS-075 - Approval of Vehicles with regard to their Protection against Unauthorised Use – Four Wheeled Vehicles - Issued

AIS-076 - Approval of Vehicles Alarm Systems (VAS) for M₁ and N₁ Category Vehicles and of these Vehicles with regard to their Alarm Systems (AS) - Issued

AIS-083 - Headlamp Cleaners and their fitment on Power-Driven Vehicles with regard to Headlamp Cleaners - Issued

AIS-084 (Part 1) - Automotive Vehicles – Performance Requirements of Demisting Systems of Glazed Surfaces (Windscreen) of Motor Vehicles - Issued

AIS-084 (Part 2) - Automotive Vehicles – Performance Requirements of Defrosting Systems of Glazed Surfaces (Windscreen) of Motor Vehicles - Issued

AIS-085 - Automotive Vehicles – Weather Strips – Specification - Issued

AIS-088 - Performance Requirements of Rear Marking Plates (Rear Warning Triangles) for Slow Moving Vehicles (by Construction), Agricultural Tractors, their Trailers and Semi-trailers - Issued

AIS-089 - Approval of Rear Marking Plates for Heavy and Long Vehicles - Issued

AIS-090 - Approval Retro-Reflective Markings for Heavy and Long Vehicles, their Trailers and Semi-trailers - Issued

AIS-095 - Requirements for Metallic Fuel Tanks of Automotive Vehicles - Issued

AIS-096 - Requirements for Behaviour of Steering Mechanism of a Vehicle in a Head-On Collision - Issued

AIS-097 - Procedure for determining the "H" Point and the Torso Angle for 50th percentile Adult Male in Seating Positions of Motor Vehicles - Issued

Malaysia

L.N. 170/159 – Construction and Use Rules for Vehicles – Amended.

Malta

L.N. 148 of 2009 – Motor Vehicles (EC Type Approval) Regulations 2009 – Amended.

Mexico

NOM-076-SEMARNAT 2013 – Emissions - Petrol, Gas and Alternative Fuel Vehicles Over 3,857 kg – Issued.

New Zealand

LTR 31001/6 – Passenger Service Vehicles – Amended.

Switzerland

VTS – Technical Requirements for Road Vehicles – Amended.

VRV – Road Traffic Regulations – Amended.

SVG – Road Traffic Act – Amended.

TGV – Type Approval of Road Vehicles – Amended.

TAFV1 – Technical Requirements for Transport Motor Vehicles and their Trailers – Amended.

USA

49 CFR FMVSS 121 – Air Brake Systems – Amended.
40 CFR Part 98 – Mandatory Greenhouse Gas Reporting (Extracts) – Amended.
CCR Title 13 – Motor Vehicle Emissions (Extracts) – Amended.

OFF-HIGHWAY CONSTRUCTION EQUIPMENT REGULATIONS UPDATED:

Europe

Commission Delegated Regulation (EU) 114/2013 – CO₂ Emissions Targets for New Light Commercial Vehicles – Issued.
Commission Regulation (EU) 143/2013 – CO₂ Emissions from Vehicles Submitted to Multi-stage Type-Approval – Issued.
Directive 2007/46/EC – Approval of Motor Vehicles and their Trailers – Amended.
Commission Regulation 692/2008 – Emissions – Light Duty Vehicles – Amended.

NON-ROAD ENGINE EMISSIONS REGULATIONS UPDATED:

Belgium

Royal Decree of December 5, 2004 - Emissions of Pollutants from Engines Installed in Non-Road Mobile Machinery - Reference 97/68/EC – Amended.

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PPVL COMMITTEES, WORKING & INTEREST GROUP MEMBERSHIP REQUEST FORM

Name: _____

Company: _____

Email: _____

ENVIRONMENT & VEHICLE LEGISLATION COMMITTEES (Members attend meetings)	
Bus and Coach TC	
Car and Light CV TC	
Engineering Committee	
Environmental Policy Committee	
Heavy CV TC	
Trailer and Bodywork TC	

VEHICLE LEGISLATION WGs (Members attend meetings)	
Brakes WG	
Electric Vehicle Technical WG	
Electromagnetic Compatibility WG	
Light Vehicle Powertrain WG	
Lighting and Signalling WG	
Passive Safety WG	
Towing Vehicle and Trailer Electrical Connectivity-TF	
Type Approval WG	
* TAWG-UKNTA WG	
Vehicle Manufacturers Body Repair WG	
Vehicle Security and Insurance WG	

VEHICLE LEGISLATION IGs (for information only)	
Alternators IG	
Ambulances IG	
Animal Transport IG	
ATP (International Agreement for Carriage of Perishable Goods) IG	
Braking Compatibility IG	
Brakes IG	
Bus and Coach IG	
Commercial Vehicle Telematics IG	
Dangerous Goods IG	
Diagnostics and Serial Data Communication IG	
DPV (Disabled Persons Vehicle) IG	
Electric and Hybrid Vehicle IG	
Electric Vehicle Charging IG	
Electrical Power Systems IG	
Electromagnetic Compatibility IG	
Electronics and Electrical Equipment IG	
Ergonomics IG	
Freight Containers (Thermal) IG	
Gas Engine IG	

Heavy Mechanical Coupling IG	
Heavy Vehicle Powertrain IG	
Hydrogen Fuel Cell IG	
Indirect Vision Devices IG	
ITS (Intelligent Transport Systems) IG	
Light Mechanical Couplings IG	
Light Vehicle Powertrain IG	
Lighting and Signalling IG	
Load Restraint IG	
Materials IG	
NCAP (New Car Assessment Programme) IG	
Passive Safety IG	
Published Emissions Data IG	
Replacement Brake Linings IG	
Road Tank IG	
Roof Rack IG	
Sheet Steel Rationalisation IG	
Sideguards and Rear Underrun IG	
Speed Limiters IG	
Spray Suppression IG	
Steering IG	
Swap Bodies (Tanks) IG	
Swap Bodies (Thermal) IG	
Swap Bodies – General Cargo IG	
Tachograph IG	
Taxi IG	
TIR (Transport Under Customs Cover) IG	
Trailer and Bodywork IG	
Trailer Registration IG	
Truck IG	
Type Approval IG	
Tyre and Wheel IG	
Vehicle Glazing IG	
Vehicle Handling IG	
Vehicle Security and Insurance IG	
Weights and Dimensions IG	

ENVIRONMENT IGs (for information only)	
Car Label IG	
Future Fuels Strategy IG	
HFC (Hydrofluorocarbon) IG	
Integrated Product Policy IG	
Noise IG	
Packaging Waste IG	

ENVIRONMENT WGs (Members attend meetings)	
ELV (End of Life Vehicle) WG	
Fuels WG	
Hazardous Materials WG	
Noise WG	
Manufacturing Environment WG	
* Manufacturing Energy and Trading Schemes WG	
OHEEG (Off-Highway Engine and Equipment Group)	
Sustainability WG	

POLICY & ECONOMIC COMMITTEES & WGs (Members attend meetings)	
Economic Committee	
Education and Development Committee	
Policy Co-ordination Committee	
Advertising WG	
Tax Panel	

INNOVATION AND E-MOBILITY GROUPS (Members attend meetings)	
Design and Engineering Group	
Electric Vehicle WG	

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PLEASE NOTE:

Only SMMT members can join the TCs, WGs and IGs. If you would like to join a TC, WG or an IG, please complete this form and return it to the department Administrator.

Committee membership requests are first submitted to committee members for approval. Please contact us by fax or email. Details are below:

PPVL@smmt.co.uk
Fax: 020 79730529

Thank you