

# Public Policy and Vehicle Legislation Department

Technical Bulletin  
Issue 2011 - 02



THE SOCIETY OF  
MOTOR MANUFACTURERS  
AND TRADERS LIMITED

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## Disclaimer

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## ORDERING OF CIRCULARS

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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 2010**.

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](http://www.smmt.co.uk).

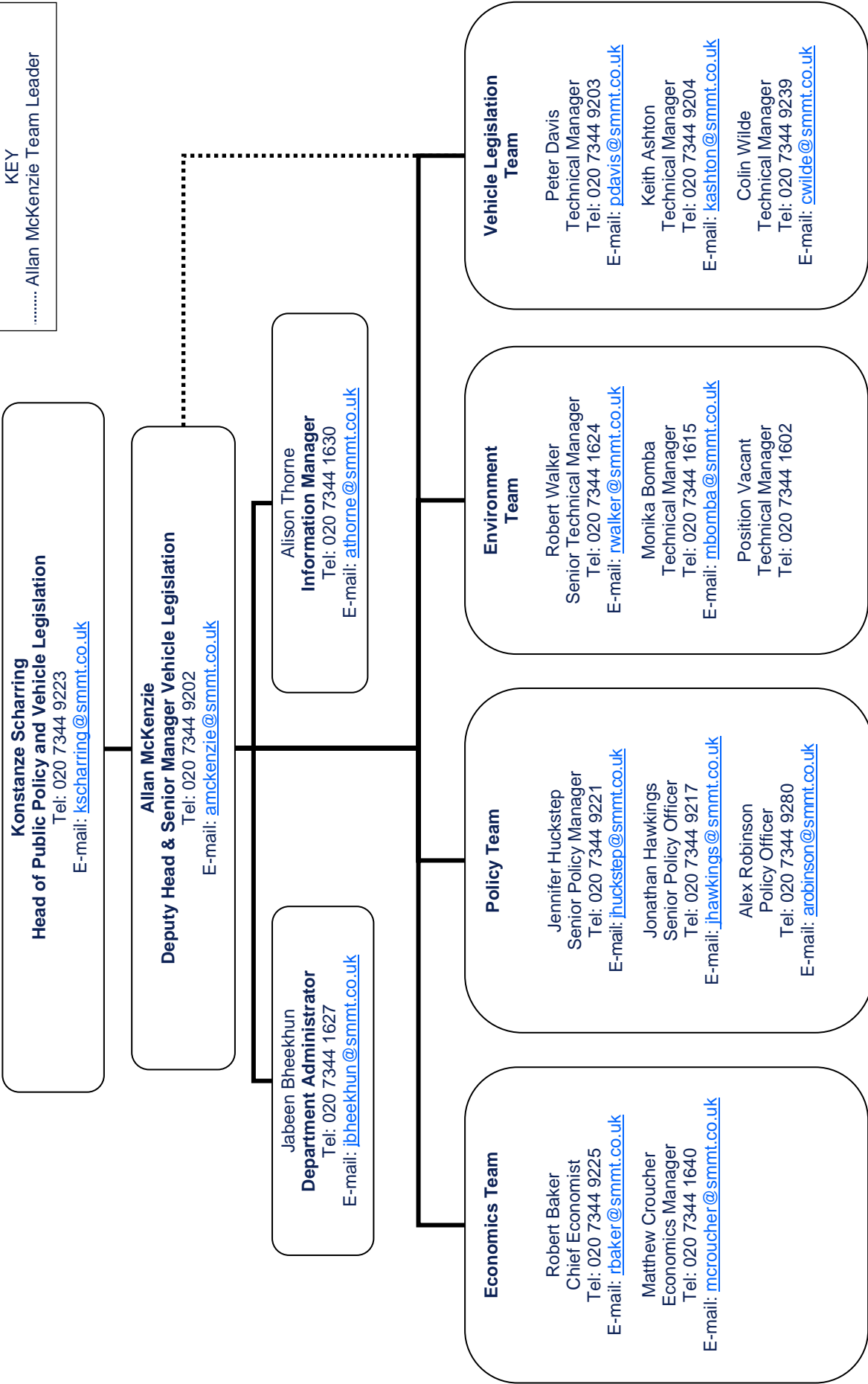
Requests for TECs should be emailed directly to me at: [athorne@smmt.co.uk](mailto:athorne@smmt.co.uk), and I will forward them to you by return of email. We are aware that some email systems may restrict the size of attachments, and the email formatting. If your emails are restricted in any way, please 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

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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  
CO<sub>2</sub>  
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

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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

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### 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]
- M<sub>1</sub> Vehicles designed and constructed for the carriage of passengers and comprising no more than eight seats in addition to the driver's seat.
- M<sub>2</sub> 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.
- M<sub>3</sub> 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.
- N<sub>1</sub> Vehicles designed and constructed for the carriage of goods and having a maximum mass not exceeding 3,5 tonnes.
- N<sub>2</sub> Vehicles designed and constructed for the carriage of goods and having a maximum mass over 3,5 tonnes but not exceeding 12 tonnes.
- N<sub>3</sub> Vehicles designed and constructed for the carriage of goods and having a maximum mass exceeding 12 tonnes.

### Category O:

- O: Trailers (including semi-trailers)
- O<sub>1</sub> Trailers with a maximum mass not exceeding 0,75 tonnes.
- O<sub>2</sub> Trailers with a maximum mass exceeding 0,75 tonnes but not exceeding 3,5 tonnes.
- O<sub>3</sub> Trailers with a maximum mass exceeding 3,5 tonnes, but not exceeding 10 tonnes.
- O<sub>4</sub> 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 P. 0001 – 016*  
<http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2007:263:SOM:EN:HTML>

### Administration

**TEC/2011/094**

**SMMT DRAFT RESPONSE TO CARBON PRICE FLOOR CONSULTATION - COMMENTS BY 10 FEBRUARY**

Category: All

Circulation: Manufacturing ETS & CCL WG, Environmental Policy Committee

Size: 128 KB

Pages: 0

Please find attached the draft response to the HM Treasury Consultation on the Carbon Price Floor. The consultation closes on 11 February, could you please provide back any comments on our draft by noon on Thursday 10 February.

**TEC/2011/096**

**EPC PAPER: AIR QUALITY AND MARKETING OF VEHICLES**

Category: M1

Circulation: Environmental Policy Committee

Size: 231 KB

Pages: 3

Concerns were raised at last month's Policy Coordination Committee about the use of certification type 1 emissions data in an Emissions Equality marketing campaign. This paper proposes that EPC makes a recommendation for the industry approach. I look forward to hearing your comments at EPC on Tuesday (item 13).

**TEC/2011/107**

**UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 100TH SESSION (11TH - 15TH APRIL 2011)**

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Truck IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, CV Bodybuilders Section, Trailer IG, Light Vehicle Powertrain IG, Type Approval IG, Passive Safety IG, Automotive Components Section, Brakes IG, Lighting and Signalling IG

Size: 186 KB

Pages: 11

Attached the agenda and advised of the availability of 23 new or revised Working documents. Comments by 21st March.

**TEC/2011/125**

**51ST OICA GEB (11TH FEBRUARY 2011): OICA MINUTES**

Category: M, N

Circulation: Noise IG (Motor Vehicles), Tyre and Wheel IG (Motor Vehicles), Electric and Hybrid Vehicle IG (Motor Vehicles), Car and Light CV TC, Truck IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Type Approval IG (Motor Vehicles)

Size: 253 KB

Pages: 18

Circulated the minutes from the 51st meeting of GEB.

**TEC/2011/128**

**AUTOMOTIVE COUNCIL TECHNOLOGY GROUP: MINUTES OF THE MEETING HELD ON 25TH JANUARY 2011**

Category: All

Circulation: Car and Light CV TC, Engineering Committee, Heavy CV TC

Size: 1935 KB

Pages: 0

Automotive Council Secretariat supplied Minutes and progress reports from the Workstreams.



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**TEC/2011/133****CLCCR TECHNICAL COMMITTEE MEETING 16TH MARCH 2011: DRAFT AGENDA**

Category: O3, O4, CMP

Circulation: Trailer TC (Trailer and Bodywork), Commercial Trailer Association, CV Bodybuilders Section

Size: 180 KB

Pages: 3

Meeting to be held in Vänersborg, Sweden. SMMT position to be prepared by Trailer TC on 9th March.

**TEC/2011/137****EXTRACT FROM THE OFFICIAL REPORT FROM THE 53RD SESSION OF UNECE WP.24 (INTERMODAL TRANSPORT AND LOGISTICS)**

Category: O, N

Circulation: Trailer IG, Truck IG, Load Restraints IG, Weights and Dimensions IG, Commercial Trailer Association, CV Manufacturers Section, CV Bodybuilders Section

Size: 214 KB

Pages: 17

Extract from the report from the session and 2 working documents.

**TEC/2011/138****UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

## **Braking, Handling, Wheels and Tyres**

**TEC/2011/107****UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 100TH SESSION (11TH - 15TH APRIL 2011)**

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Truck IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, CV Bodybuilders Section, Trailer IG, Light Vehicle Powertrain IG, Type Approval IG, Passive Safety IG, Automotive Components Section, Brakes IG, Lighting and Signalling IG

Size: 186 KB

Pages: 11

Attached the agenda and advised of the availability of 23 new or revised Working documents. Comments by 21st March.

**TEC/2011/130****UNECE GRRF INFORMAL GROUP ON BRAKE RELATED SIGNALS BETWEEN VEHICLES: INVITATION TO ATTEND FIRST MEETING**

Category: CMP, N2, N3, O3, O4

Circulation: Brakes IG, Heavy Mechanical Couplings IG, Trailer IG, Truck IG

Size: 146 KB

Pages: 3

Invitation to a GRRF Informal Group meeting that will be reviewing the implications of Fully Automated Coupling Systems (FACS) on UNECE Regulations 13 and 55.

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**TEC/2011/138****UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

**TEC/2011/140****SMMT DRAFT POSITION PAPER SEEKING REMOVAL OF MANDATORY FITMENT OF ESC TO EC SMALL SERIES - COMMENT BY 1 MARCH 2011 PLEASE**

Category: All

Circulation: Low Volume Manufacturers Working Group

Size: 229 KB

Pages: 6

Attached is SMMT's draft position paper seeking to exempt vehicles using EC Small Series Type Approval (SSTA) from having to comply with General Safety Regulation which proposes Electronic Stability Control (ESC) to be fitted as mandatory. Comments on paper and proposed solution are requested to be made to [mcroucher@smt.co.uk](mailto:mcroucher@smt.co.uk) by 7 March 2011.

## Certification

**TEC/2011/088****TRANSITIONAL ARRANGEMENTS FOR CANADA**

Category: NRMM

Circulation: Off-Highway Engine and Equipment WG

Size: 97 KB

Pages: 1

Transitional arrangements for Canada prior to adopting US Tier 4 requirements

**TEC/2011/096****EPC PAPER: AIR QUALITY AND MARKETING OF VEHICLES**

Category: M1

Circulation: Environmental Policy Committee

Size: 231 KB

Pages: 3

Concerns were raised at last month's Policy Coordination Committee about the use of certification type 1 emissions data in an Emissions Equality marketing campaign. This paper proposes that EPC makes a recommendation for the industry approach. I look forward to hearing your comments at EPC on Tuesday (item 13).

**TEC/2011/103****EURO 4 M2 VEHICLES - DEROGATION PREFERENCE**

Category: M2

Circulation: Bus and Coach IG, Light Vehicle Powertrain IG, Type Approval IG

Size: 97 KB

Pages: 1

DfT are discussing the issue and have requested which derogation members would prefer

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**TEC/2011/104****EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: AGENDA AND WORKING DOCUMENTS FOR THE 4TH MEETING**

Category: M, N, O

Circulation: Type Approval IG, Truck IG, Car and Light CV TC, Bus and Coach IG, Weights and Dimensions IG, Low Volume Manufacturers Working Group, CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Trailer IG

Size: 1427 KB

Pages: 151

Circulated the agenda and working documents for the 4th sub-group meeting to be held on Thursday 24th February. Comments by 16th February.

**TEC/2011/106****EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: INVITATION AND CLCCR DRAFT POSITION PAPER FOR THE 4TH MEETING**

Category: M, N, O

Circulation: CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Trailer IG (Trailer and Bodywork), Bus and Coach IG (Trailer and Bodywork)

Size: 939 KB

Pages: 9

Circulated the invitation and the CLCCR draft position paper for the 4th sub-group meeting to be held on Thursday 24th February. Comments by 16th February.

**TEC/2011/107****UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 100TH SESSION (11TH - 15TH APRIL 2011)**

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Truck IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, CV Bodybuilders Section, Trailer IG, Light Vehicle Powertrain IG, Type Approval IG, Passive Safety IG, Automotive Components Section, Brakes IG, Lighting and Signalling IG

Size: 186 KB

Pages: 11

Attached the agenda and advised of the availability of 23 new or revised Working documents. Comments by 21st March.

**TEC/2011/108****SPRAY SUPPRESSION SYSTEMS: PUBLICATION OF TYPE APPROVAL IMPLEMENTING MEASURE**

Category: CMP, N, O

Circulation: Automotive Components Section, CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Spray Suppression IG, Trailer IG, Truck IG, Type Approval IG, Car and Light CV TC

Size: 1262 KB

Pages: 28

Publication of implementing measure replacing Directive 91/226/EEC.

**TEC/2011/109****M2 VEHICLES WITH EURO 4 ENGINES: DFT GUIDANCE ON EXCEPTIONS TO EXHAUST EMISSIONS REQUIREMENTS**

Category: M2

Circulation: Bus and Coach IG, Light Vehicle Powertrain IG, Type Approval IG

Size: 172 KB

Pages: 3

Guidance from DfT.

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**TEC/2011/112****DfT INFORMAL CONSULTATION ON IVA EXEMPTIONS FOR HEAVY GOODS VEHICLES AND TRAILERS**

Category: CMP, N2, N3, O3, O4

Circulation: CV Bodybuilders Section, Dangerous Goods IG, Passive Safety IG, Sideguards and Rear Underrun IG, Spray Suppression IG, Trailer IG, Truck IG, Type Approval IG, Ramp and Lift Manufacturers Section, Swap Bodies (General Cargo) IG

Size: 241 KB

Pages: 8

DfT informal consultation relating to exemptions for sideguards, front and rear underrun and spray suppression in the Goods Vehicle IVA scheme. Comments by 6th May.

**TEC/2011/125****51ST OICA GEB (11TH FEBRUARY 2011): OICA MINUTES**

Category: M, N

Circulation: Noise IG (Motor Vehicles), Tyre and Wheel IG (Motor Vehicles), Electric and Hybrid Vehicle IG (Motor Vehicles), Car and Light CV TC, Truck IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Type Approval IG (Motor Vehicles)

Size: 253 KB

Pages: 18

Circulated the minutes from the 51st meeting of GEB.

**TEC/2011/131****GENERAL SAFETY REGULATION (GSR) AND APPLICATION TO MULTI-STAGE BUILD VEHICLES**

Category: M, N, O

Circulation: Ambulance IG, Bus and Coach IG, Bus and Coach Section, Car and Light CV TC, Commercial Trailer Association, CV Bodybuilders Section, CV Manufacturers Section, Disabled Person Vehicle IG, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Trailer IG, Truck IG, Type Approval IG

Size: 144 KB

Pages: 3

Attached a self-explanatory paper describing the lack of provisions for multi-stage build vehicles in the GSR.

**TEC/2011/132****END OF SERIES DEROGATION FOR VEHICLES OF CATEGORY N1 CLASS 1, N2 AND N3**

Category: N

Circulation: Car and Light CV TC, CV Manufacturers Section, Environmental Policy Committee, Light Vehicle Powertrain IG, Truck IG, Heavy Vehicle Powertrain IG, Type Approval IG, Bus and Coach IG

Size: 163 KB

Pages: 4

Text of the end-of-series derogation for Euro 4 N1 Class 1 vehicles. DfT have taken the opportunity to make arrangements ahead of time for end of series Euro V N2 and N3 vehicles as well. Provided there are no negative comments from MPs, the SI will come into effect on 15 March.

**TEC/2011/135****EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: DRAFT REPORTS FROM THE FIRST THREE MEETINGS**

Category: M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Trailer IG, Truck IG, Weights and Dimensions IG, Type Approval IG

Size: 319 KB

Pages: 16

Circulated the draft reports.

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**TEC/2011/136****EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: REVISED AGENDA AND ADDITIONAL WORKING DOCUMENTS FOR THE 4TH MEETING**

Category: M, N, O

Circulation: Type Approval IG, Truck IG, Car and Light CV TC, Bus and Coach IG, Weights and Dimensions IG, Low Volume Manufacturers Working Group, CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Trailer IG

Size: 314 KB

Pages: 16

Circulated a revised agenda and 4 additional working documents for the 4th sub-group meeting to be held on Thursday 24th February.

**TEC/2011/138****UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

**TEC/2011/146****TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: REQUEST FROM DfT FOR ASSISTANCE IN RESPONDING TO A QUESTION FROM THE COMMISSION**

Category: M2, M3, N2, N3, O3, O4

Circulation: Bus and Coach IG, CV Bodybuilders Section, Commercial Trailer Association, CV Manufacturers Section, Trailer IG, Truck IG, Type Approval IG, Weights and Dimensions IG, Bus and Coach Section

Size: 455 KB

Pages: 4

Request from DfT for SMMT's assistance in answering one of the questions asked of them by the Commission on small series limits.

## **Electrical and Electronics**

**TEC/2011/111****LOW VOLTAGE DIRECTIVE 2006/95/EC - ELECTRIC VEHICLE EXEMPTION**

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

Circulation: Electromagnetic Compatibility IG, Electronic and Electrical Equipment IG

Size: 150 KB

Pages: 8

Latest documents from the EC regarding exclusion of electric vehicles from the Low Voltage Directive

**TEC/2011/141****ACEA RADIO REGULATIONS TASK FORCE - MINUTES AND ASSOCIATED DOCUMENTS FROM THE MEETING HELD 4TH FEBRUARY AND TELECONFERENCE HELD 25TH FEBRUARY 2011**

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

Circulation: Electromagnetic Compatibility IG (All)

Size: 1123 KB

Pages: 26

Minutes and associated documents from the ACEA TF-RR meeting/teleconf held 4th/25th February 2011

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**TEC/2011/148****EV CHARGING STANDARDISATION – LATEST DOCUMENTS ISSUED BY BSI**

Category: CMP, M, MFR, N, O

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

Size: 3970 KB

Pages: 3

Latest meeting minutes, reports and associated documents from BSI/ISO regarding the EV Focus Group & BSI activities on Pan-European EV charging standardisation

## Engines

**TEC/2011/096****EPC PAPER: AIR QUALITY AND MARKETING OF VEHICLES**

Category: M1

Circulation: Environmental Policy Committee

Size: 231 KB

Pages: 3

Concerns were raised at last month's Policy Coordination Committee about the use of certification type 1 emissions data in an Emissions Equality marketing campaign. This paper proposes that EPC makes a recommendation for the industry approach. I look forward to hearing your comments at EPC on Tuesday (item 13).

**TEC/2011/107****UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 100TH SESSION (11TH - 15TH APRIL 2011)**

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Truck IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, CV Bodybuilders Section, Trailer IG, Light Vehicle Powertrain IG, Type Approval IG, Passive Safety IG, Automotive Components Section, Brakes IG, Lighting and Signalling IG

Size: 186 KB

Pages: 11

Attached the agenda and advised of the availability of 23 new or revised Working documents. Comments by 21st March.

**TEC/2011/110****RENEWABLES OBLIGATION - OFGEM BIOLIQUIDS AND BIODIESEL CONSULTATION**

Category: M, N, EFL

Circulation: Fuels WG, Heavy Vehicle Powertrain IG, Light Vehicle Powertrain IG, Environmental Policy Committee

Size: 128 KB

Pages: 1

Ofgem has launched a consultation on technical guidance for sustainability criteria, reporting and verification for bioliquids and biodiesel for use in the Renewables Obligation (RO). Of particular interest may be Ofgem's proposed approach to the treatment of wastes and residues under the RO. DfT is keen to align any approach to wastes and residues under the amended RTFO with that taken by DECC under the RO.

**TEC/2011/138****UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

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## Environment

**TEC/2011/087**

**LCV/VAN CO2 REGULATION - CONSOLIDATED TEXT**

Category: N1, N2, M2

Circulation: Environmental Policy Committee, Policy Co-ordination Committee, Light Vehicle Powertrain WG, Engineering Committee, Car and Light CV TC, CV Manufacturers Section

Size: 493 KB

Pages: 39

Please see attached the draft consolidated text of the van CO2 Regulation for consideration in the Plenary vote of the European Parliament, expected on 15 February.

**TEC/2011/089**

**NEW CAR CO2 LABELLING DIRECTIVE REVIEW - DRAFT SMMT POSITION FOR APPROVAL AT EPC**

Category: M1

Circulation: Environmental Policy Committee

Size: 202 KB

Pages: 4

For approval at the EPC meeting on Tuesday, subsequent to several drafts (most recently TEC/2011/021). Since the last meeting we have deleted the reference to downsizing in the pros and cons (para 7). We also need to decide on paragraph 8, the inclusion of fuel cost information on the label, which ACEA opposes but the UK voluntary label includes.

**TEC/2011/090**

**LCV/VAN CO2 REGULATION - DFT SUMMARY OF RESPONSES TO UK CONSULTATION**

Category: N1, N2, M2

Circulation: Environmental Policy Committee, Policy Co-ordination Committee, Light Vehicle Powertrain WG, Engineering Committee, Car and Light CV TC, CV Manufacturers Section

Size: 145 KB

Pages: 0

For information, please see attached the DfT summary of responses to the UK consultation on the van CO2 regulation and the government response (further to TEC/2010/367 SMMT response).

**TEC/2011/092**

**LOWCVP PASSENGER CAR WG (PCWG), 27 JANUARY, SMMT NOTES**

Category: All

Circulation: Environmental Policy Committee

Size: 1467 KB

Pages: 67

Herewith my UNofficial notes of the recent LowCVP PCWG meeting. We look forward to discussing your thoughts on priorities for the LowCVP work programme at EPC on Tuesday (agenda item 11).

**TEC/2011/096**

**EPC PAPER: AIR QUALITY AND MARKETING OF VEHICLES**

Category: M1

Circulation: Environmental Policy Committee

Size: 231 KB

Pages: 3

Concerns were raised at last month's Policy Coordination Committee about the use of certification type 1 emissions data in an Emissions Equality marketing campaign. This paper proposes that EPC makes a recommendation for the industry approach. I look forward to hearing your comments at EPC on Tuesday (item 13).

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**TEC/2011/099**

**GREEN CLAIMS GUIDE LAUNCHED BY DEFRA**

Category: None

Circulation: Sustainability WG, Environmental Policy Committee

Size: 126 KB

Pages: 1

GREEN CLAIMS GUIDE LAUNCHED BY DEFRA

**TEC/2011/101**

**EIS SEMINAR - TECHNOLOGIES FOR LOW CARBON TRANSPORTATION IN NEW SOUND ENVIRONMENTS**

Category: M, N

Circulation: Electric and Hybrid Vehicle IG, Electric Vehicle Technical WG, Noise IG

Size: 126 KB

Pages: 1

An EIS seminar to discuss noise issues for low carbon vehicles

**TEC/2011/110**

**RENEWABLES OBLIGATION - OFGEM BIOLIQUIDS AND BIODIESEL CONSULTATION**

Category: M, N, EFL

Circulation: Fuels WG, Heavy Vehicle Powertrain IG, Light Vehicle Powertrain IG, Environmental Policy Committee

Size: 128 KB

Pages: 1

Ofgem has launched a consultation on technical guidance for sustainability criteria, reporting and verification for bioliquids and biodiesel for use in the Renewables Obligation (RO). Of particular interest may be Ofgem's proposed approach to the treatment of wastes and residues under the RO. DfT is keen to align any approach to wastes and residues under the amended RTFO with that taken by DECC under the RO.

**TEC/2011/114**

**EUROPEAN PARLIAMENT VOTES FOR 85% WEEE COLLECTION TARGET**

Category: All

Circulation: Aftermarket Section, Car Section Committee, Bus and Coach TC, ELV WG, Environmental Policy Committee, Manufacturing Environment WG

Size: 126 KB

Pages: 1

EUROPEAN PARLIAMENT VOTES FOR 85% WEEE COLLECTION TARGET

**TEC/2011/118**

**DECC TO HOST CRC SIMPLIFICATION EVENT ON 3 MARCH AND WILL POSTPONE START OF PHASE TWO BY ONE YEAR**

Category: All

Circulation: Manufacturing ETS & CCL WG, Environmental Policy Committee

Size: 126 KB

Pages: 1

DECC will implement all the last consultation proposals via an Amendment Order which comes into force on 1st April 2011, which includes postponing the start of phase two.

DECC will host a stakeholder event on simplification of the CRC Energy Efficiency Scheme to be held on Thursday 3rd March - to register your interest in attending email [crc@decc.gsi.gov.uk](mailto:crc@decc.gsi.gov.uk) by 22 February.



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**TEC/2011/123****PREPARING FOR A VEHICLE LIFECYCLE CO2 MEASURE - LOWCVP PROJECT**

Category: All

Circulation: Light Vehicle Powertrain IG, Fuels WG, Environmental Policy Committee, Sustainability WG

Size: 309 KB

Pages: 6

Please see attached my unofficial notes from the kick-off meeting for the above LowCVP project, along with the project brief. Any feedback welcome, especially on the biofuels assumptions at para 5 of my note ref compatibility with new vehicles and the parc in 2020.

**TEC/2011/125****51ST OICA GEB (11TH FEBRUARY 2011): OICA MINUTES**

Category: M, N

Circulation: Noise IG (Motor Vehicles), Tyre and Wheel IG (Motor Vehicles), Electric and Hybrid Vehicle IG (Motor Vehicles), Car and Light CV TC, Truck IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Type Approval IG (Motor Vehicles)

Size: 253 KB

Pages: 18

Circulated the minutes from the 51st meeting of GEB.

**TEC/2011/126****DRAFT COPY OF SMMT NEW CAR CO2 REPORT - FOR COMMENT BY 25 FEBRUARY**

Category: All

Circulation: Environmental Policy Committee, Policy Co-ordination Committee

Size: 2172 KB

Pages: 41

Attached is draft version of SMMT's annual new car CO2 report. Members are asked to review it and pass any comments back to [mcroucher@smmt.co.uk](mailto:mcroucher@smmt.co.uk) by 25 February, ahead of printing for launch on 16 March.

**TEC/2011/127****DRAFT SMMT DEALER EFFICIENCY GUIDE - FOR COMMENT BY 25 FEBRUARY**

Category: All

Circulation: Environmental Policy Committee, Policy Co-ordination Committee

Size: 5303 KB

Pages: 42

Please find attached the draft SMMT/RMI dealer efficiency Guide, as written by NIFES the Carbon Trust consultant. Could you please provide any comments back to [mcroucher@smmt.co.uk](mailto:mcroucher@smmt.co.uk) by 25 February.

**TEC/2011/129****REVISED DOCUMENTS ON FREE ALLOCATION RULES**

Category: None

Circulation: Manufacturing ETS & CCL WG

Size: 3078 KB

Pages: 89

REVISED DOCUMENTS ON FREE ALLOCATION RULES

**TEC/2011/134****DRAFT DATA COLLECTION GUIDANCE PUBLISHED**

Category: None

Circulation: Manufacturing ETS & CCL WG

Size: 124 KB

Pages: 1

DRAFT DATA COLLECTION GUIDANCE PUBLISHED

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## Industrial Standards

**TEC/2011/095**

**PUBLICATION OF BS EN 13044-1:2011 (MARKINGS FOR INTERMODAL LOADING UNITS)**

Category: CMP

Circulation: Swap Bodies (General Cargo) IG, Swap Bodies (Tanks) IG, Swap Bodies (Thermal) IG

Size: 97 KB

Pages: 1

Advised of the availability from BSI of the CEN standard on the identification markings for Intermodal Loading Units.

## ITS

**TEC/2011/085**

**ITS (UK) - JANUARY 2011 NEWSLETTER**

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

Circulation: ITS IG

Size: 1065 KB

Pages: 10

Monthly newsletter (January 2011) from ITS (UK)

**TEC/2011/138**

**UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

**TEC/2011/147**

**ITS (UK) - FEBRUARY 2011 NEWSLETTER**

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

Circulation: ITS IG

Size: 975 KB

Pages: 11

Monthly newsletter (February 2011) from ITS (UK)

## Lighting and Signalling

**TEC/2011/138**

**UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

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**TEC/2011/139**

**OICA GEE - AGENDA FOR MEETING #62, TO BE HELD 8-9TH MARCH 2011**

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

Circulation: Lighting and Signalling IG

Pages: 0

OICA agenda for GEE-62 meeting , to be held in Paris 8/9th March

## **Safety and Security**

**TEC/2011/098**

**UNECE REGULATION 58 (REAR UNDERRUN PROTECTION DEVICE): DRAFT PROPOSAL FROM GERMANY**

Category: CMP, N, O

Circulation: Trailer IG, Truck IG, Light Trailer and Trailer Equipment Section, CV Bodybuilders Committee, Passive Safety WG, Sideguards and Rear Underrun IG, Ramp and Lift Manufacturers Section, Automotive Components Section

Size: 199 KB

Pages: 7

A draft proposal from Germany to amend the Regulation. Comments by 7th March.

**TEC/2011/107**

**UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 100TH SESSION (11TH - 15TH APRIL 2011)**

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Truck IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, CV Bodybuilders Section, Trailer IG, Light Vehicle Powertrain IG, Type Approval IG, Passive Safety IG, Automotive Components Section, Brakes IG, Lighting and Signalling IG

Size: 186 KB

Pages: 11

Attached the agenda and advised of the availability of 23 new or revised Working documents. Comments by 21st March.

**TEC/2011/112**

**DfT INFORMAL CONSULTATION ON IVA EXEMPTIONS FOR HEAVY GOODS VEHICLES AND TRAILERS**

Category: CMP, N2, N3, O3, O4

Circulation: CV Bodybuilders Section, Dangerous Goods IG, Passive Safety IG, Sideguards and Rear Underrun IG, Spray Suppression IG, Trailer IG, Truck IG, Type Approval IG, Ramp and Lift Manufacturers Section, Swap Bodies (General Cargo) IG

Size: 241 KB

Pages: 8

DfT informal consultation relating to exemptions for sideguards, front and rear underrun and spray suppression in the Goods Vehicle IVA scheme. Comments by 6th May.

**TEC/2011/137**

**EXTRACT FROM THE OFFICIAL REPORT FROM THE 53RD SESSION OF UNECE WP.24 (INTERMODAL TRANSPORT AND LOGISTICS)**

Category: O, N

Circulation: Trailer IG, Truck IG, Load Restraints IG, Weights and Dimensions IG, Commercial Trailer Association, CV Manufacturers Section, CV Bodybuilders Section

Size: 214 KB

Pages: 17

Extract from the report from the session and 2 working documents.

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**TEC/2011/138**

**UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

## **Transport Systems**

**TEC/2011/095**

**PUBLICATION OF BS EN 13044-1:2011 (MARKINGS FOR INTERMODAL LOADING UNITS)**

Category: CMP

Circulation: Swap Bodies (General Cargo) IG, Swap Bodies (Tanks) IG, Swap Bodies (Thermal) IG

Size: 97 KB

Pages: 1

Advised of the availability from BSI of the CEN standard on the identification markings for Intermodal Loading Units.

**TEC/2011/104**

**EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: AGENDA AND WORKING DOCUMENTS FOR THE 4TH MEETING**

Category: M, N, O

Circulation: Type Approval IG, Truck IG, Car and Light CV TC, Bus and Coach IG, Weights and Dimensions IG, Low Volume Manufacturers Working Group, CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Trailer IG

Size: 1427 KB

Pages: 151

Circulated the agenda and working documents for the 4th sub-group meeting to be held on Thursday 24th February. Comments by 16th February.

**TEC/2011/106**

**EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: INVITATION AND CLCCR DRAFT POSITION PAPER FOR THE 4TH MEETING**

Category: M, N, O

Circulation: CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Trailer IG (Trailer and Bodywork), Bus and Coach IG (Trailer and Bodywork)

Size: 939 KB

Pages: 9

Circulated the invitation and the CLCCR draft position paper for the 4th sub-group meeting to be held on Thursday 24th February. Comments by 16th February.

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**TEC/2011/107**

**UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 100TH SESSION (11TH - 15TH APRIL 2011)**

Category: CMP, M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, Truck IG, Low Volume Manufacturers Working Group, Vehicle Glazing IG, Indirect Vision Devices IG, Sideguards and Rear Underrun IG, CV Bodybuilders Section, Trailer IG, Light Vehicle Powertrain IG, Type Approval IG, Passive Safety IG, Automotive Components Section, Brakes IG, Lighting and Signalling IG

Size: 186 KB

Pages: 11

Attached the agenda and advised of the availability of 23 new or revised Working documents. Comments by 21st March.

**TEC/2011/135**

**EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: DRAFT REPORTS FROM THE FIRST THREE MEETINGS**

Category: M, N, O

Circulation: Bus and Coach IG, Car and Light CV TC, CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Trailer IG, Truck IG, Weights and Dimensions IG, Type Approval IG

Size: 319 KB

Pages: 16

Circulated the draft reports.

**TEC/2011/136**

**EUROPEAN COMMISSION TECHNICAL COMMITTEE - MOTOR VEHICLES (TCMV) SUB-GROUP ON MASSES & DIMENSIONS: REVISED AGENDA AND ADDITIONAL WORKING DOCUMENTS FOR THE 4TH MEETING**

Category: M, N, O

Circulation: Type Approval IG, Truck IG, Car and Light CV TC, Bus and Coach IG, Weights and Dimensions IG, Low Volume Manufacturers Working Group, CV Bodybuilders Section, Light Trailer and Trailer Equipment Section, Trailer IG

Size: 314 KB

Pages: 16

Circulated a revised agenda and 4 additional working documents for the 4th sub-group meeting to be held on Thursday 24th February.

**TEC/2011/137**

**EXTRACT FROM THE OFFICIAL REPORT FROM THE 53RD SESSION OF UNECE WP.24 (INTERMODAL TRANSPORT AND LOGISTICS)**

Category: O, N

Circulation: Trailer IG, Truck IG, Load Restraints IG, Weights and Dimensions IG, Commercial Trailer Association, CV Manufacturers Section, CV Bodybuilders Section

Size: 214 KB

Pages: 17

Extract from the report from the session and 2 working documents.

**TEC/2011/138**

**UNECE 153RD WP.29 (8TH - 11TH MARCH 2011): DRAFT AGENDA**

Category: CMP, M, N

Circulation: Engineering Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Brakes WG, Lighting and Signalling WG, Noise WG, Passive Safety WG, Light Vehicle Powertrain WG, Heavy Vehicle Powertrain IG, Electromagnetic Compatibility WG, Type Approval WG, Tyre and Wheel IG, ITS IG, Low Volume Manufacturers Working Group, Hydrogen Fuel Cell IG, Replacement Brake Linings IG, Vehicle Glazing IG

Size: 389 KB

Pages: 36

Circulated the Agenda and advised on how to access the working documents.

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**TEC/2011/142**

**EUROPEAN COUNCIL REGULATION - NEW COMITOLGY RULES ON IMPLEMENTING ACTS**

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

Circulation: Lighting and Signalling IG, Brakes IG, Bus and Coach IG, Bus and Coach TC, Car and Light CV TC, Electric Vehicle Technical WG, Electromagnetic Compatibility IG, Heavy CV TC, Heavy Vehicle Powertrain IG, ITS IG, Light Vehicle Powertrain IG, Noise IG, Passive Safety IG, Steering IG, Truck IG, Type Approval IG, Weights and Dimensions IG, Trailer IG, Trailer TC

Size: 374 KB

Pages: 5

Euro council adoption of the regulation laying down new rules for the control by member states of the Commission's exercise of its implementing - new "comitology" rules for implementing acts

# Trailer Technical Committee

Chairman's Report, 9<sup>th</sup> March 2011

## Membership

It was agreed that there was a need to encourage greater member attendance to the TTC and that this would be of benefit to both their company and the overall industry. The secretary was asked to prepare an analysis for the chairman to consider.

## European Legislation

Directive 91/226/EEC concerning spray suppression has some potential changes further to a VDA report to allow certain exemptions for rail transport and swap bodies. Commission Regulation (EU) No 19/2011 was published in the Official Journal on 1<sup>st</sup> February 2011 and replaces the requirement under 76/114/EEC concerning VIN plates, although existing approvals are permitted. Reg 19/2011 requires some slightly different presentation of the details and members must be mindful of these differences (TEC/2011/030 applies).

## Type Approval

The DfT has opened an informal consultation on areas of possible exemption in the IVA process based on those exemptions permitted under C& U Regulations. The areas covered are sideguards, rear under-run bumper, spray suppression and front under-run (to prime movers) and is detailed in TEC/2011/112. Comments are to be forwarded to the secretary in April as the consultation closes on 6<sup>th</sup> May 2011.

## Masses and Dimensions

Further to the Westminster Hall debate on 18<sup>th</sup> January 2011 (concerning the effects on the road haulage industry if a 4 m overall height was to be applied) and further committee/sub-group reports, the DfT has asked for evidence in response to the Commissions questionnaire circulated to members under TEC/2011/146. Members were requested to respond urgently to the secretary so that this information can be compiled and presented to the DfT with all haste.

Comment from members was also required in response to TEC/2011/167, concerning the definitions and exceptions to be used in type approval, as a matter of urgency. Trials of increased combined overall length are being conducted in some countries, but there is no planned change to legislation in UK, with Germany also stating that there will be no change during the period of the current government.

## UNECE Regulations

The unofficial proposal from Germany to amend Reg 58 (rear under-run bumper) to increase the strength and dimensional requirements was not supported by the committee as, to date, no justification has been presented and the implications go beyond trailer manufacturers.

*D. G. Skinner, Chairman TTC*

## VEHICLE LEGISLATION & ENVIRONMENT TEAM MEETINGS

February 2010	Group	Location
7	CLCVTC	Forbes House
8	EPC	" "
" "	NOISE WG	" "
9	VSI WG	" "
16	EC	" "
" "	EMC WG	" "
17	SWG	" "
22	METS/MEWG	Industry Forum
24	BWG	Forbes House
" "	VMBRWG	" "

## SMMT DIARY OF EVENTS

15 Mar

### **SMMT Open Forum: Vehicle Manufacturers' View, International Manufacturing Centre, University of Warwick**

This event is the 5th in our series of Open Forum events aimed at the mainstream supply chain and follows on from the event we held in September. I am pleased to say that for the first time we will have a number of VMs presenting – this has been a popular request from delegates of the previous events. We have confirmed Richard Parry Jones, and Jerry Hardcastle who will give their updates on the work of the Automotive Council etc. Ian Henry will give an update on the manufacturing outlook. This is a programme that should be of interest to many in the supply chain.

**Further information:** Steve Elvin on 020 7344 1665 or [selvin@smm.co.uk](mailto:selvin@smm.co.uk)

15- 17 Mar

### **Sustainable, Efficient Road Transport – SERT, Henry Ford College, Loughborough**

**SERT** provides a platform to profile UK capability and expertise to an international audience, and is your opportunity to engage with key decision makers and policy shapers.

**Further information:** [www.sustainableworld2011.com](http://www.sustainableworld2011.com) or e-mail [events@sustainableworld2011.com](mailto:events@sustainableworld2011.com)

17 – 20 Mar

### **Erbil AUTOSHOW International Automobile, Automotive and Spare Parts Exhibition, Erbil International Fairground, Iraq**

Over 150 exhibitors and 7000 visitors are expected at this dedicated, business-focused event to enhance communication and cooperation within the industry. There is no alternative for this event in the region. Therefore, interest from the industry will be immense. The visitors will discover a wide range of vehicles, automotive components, accessories, spare parts, repair and maintenance tools and other products and services as well as getting chances to meet automotive industry professionals. Iraq is in increasing need of industrial production, construction and exported goods. After the war, Iraqi government has declared that they have 230 functional factories and none of them are producing cars, spare parts or accessories. Whether your target is general users, small to medium enterprises, local distributors, large corporations or even government bodies AUTOSHOW International Automobile, Automotive and Spare Parts Exhibition is the right place for you. Take your place in the exhibition and don't miss the opportunity to be a part of the multi-billion dollar Middle East automotive industry.

**Further information:** [www.erbilautoshow.com](http://www.erbilautoshow.com)

22 Mar

### **Electric Vehicle Showcase, National Motorcycle Museum, Birmingham**

Fleet World magazine is organising an Electric Vehicle Showcase at the National Motorcycle Museum on Tuesday 22 March 2011. The event, which is sponsored by the Energy Saving Trust, and run in association with the British Vehicle Rental and Leasing Association (BVRLA) is in two parts: From 9.50am onwards there is a conference session with speakers addressing; EV market opportunities; taxation implications of EVs; residual value forecasting; maintenance and battery life issues and case study presentations. This will be followed by a panel debate featuring all the morning presenters. From 12.45, when the conference session ends, delegates will be able to test drive a number of electric vehicles and to discuss technical issues with manufacturer staff.

**Further information:** [www.evshowcase.com](http://www.evshowcase.com) or contact Fleet World on 01727 739160 or e-mail Ross Durkin on [ross@fleetworldgroup.co.uk](mailto:ross@fleetworldgroup.co.uk)



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26 Mar – 2 Apr

**Low carbon automotive supply chain mission to China, Shenzhen, Guangzhou, Chongqing**

The SMMT, in partnership with UK Trade & Investment, is organising a trade mission to China focussed on the low carbon automotive supply chain as we believe this represents great opportunities for UK businesses. On this mission, we will visit three major Chinese OEM companies in three different major city centres, which have a focus on low carbon vehicle technology and development:

- Build Your Dreams (BYD) Auto, Shenzhen
- Guangzhou Automotive Industry Company (GAIC), Guangzhou
- Chang'An, Chongqing.

During the programme there will be opportunity to present to senior Chinese OEM representatives and conduct pre-arranged 1:1 meetings with the OEMs and key members of their local supply chain. Places are limited and the registration deadline closes on March 11 so we urge you to respond as quickly as possible.

**Further information:** Sarah Thevenet on 020 7344 9233 or e-mail [sthevenet@smmt.co.uk](mailto:sthevenet@smmt.co.uk)

29 -30 Mar

**Traffex 2011, NEC, Birmingham**

The leading international trade exhibition for traffic management, road safety and highway maintenance professionals. In 2011, Traffex will once again run alongside Parkex; Europe's largest dedicated parking exhibition and Street Design; the leading event for urban design in the public realm. The three shows will offer visitors an opportunity to meet over 400 UK and international exhibitors from the transport, parking and street design industries showcasing their latest products and services on the 24,000sqm exhibition floor space. Daily, free-of-charge seminars run by leading industry experts from ITS United Kingdom, the Department for Transport, the Highways Agency and the Chartered Institution of Highways & Transportation will be taking place in the Traffex Theatre, providing visitors with a wide range of topical briefings.

**Further information:** [www.traffex.com](http://www.traffex.com)

30 Mar

**SMMT Open Forum for CVs, Buses, Coaches and Suppliers, venue tbc**

The programme will include presentations on technical issues, supply chain issues, manufacturing outlook and a panel discussion all with a focus on commercial vehicles (including trailers and buses) and their suppliers.

**Further information:** Steve Elvin on 020 7344 1665 or [selvin@smmt.co.uk](mailto:selvin@smmt.co.uk)

29 Mar-2 April

**Motortec Automechanika Iberica, Feria De Madrid, Spain**

Feria de Madrid will host the staging of Motortec Automechanika Iberica.

This event aims to combine the important impact of Motortec within the Iberian aftermarket with the leading international appeal of Automechanika in order to achieve "a greater Spanish presence in Europe and throughout the rest of the world and a more prominent role for Automechanika in Spain, on the Iberian Peninsula and, in general throughout the Latin American countries".

**Further information:** Anita Wegner on [anita@itsluk.com](mailto:anita@itsluk.com)

31 Mar – 2 Apr

**Automechanika Malaysia 2011, Kuala Lumpur, Malaysia**

With its 10 country members and a population of more than 580 million, the ASEAN Free Trade Area (AFTA) offers you a huge potential market. ASEAN's leading automotive products, equipment and services trade fair, Automechanika Malaysia 2011 is the only automotive parts equipment and service trade fair which is organised in collaboration with the Malaysian government's Malaysia External Trade Development Corporation (MATRADE). The seventh edition expects to attract 165 exhibitors from around the world. The 2011 event will offer a full spectrum of automotive products and services in line with the global Automechanika brand.

**Further information:** Catís Cheung on 00852 2802 7728 or [catis.cheung@hongkong.messefrankfurt.com](mailto:catis.cheung@hongkong.messefrankfurt.com) , [www.automechanika.com](http://www.automechanika.com)

6 April

**Thermoelectric Energy Solutions, IOP, London**

Harvesting electrical energy from waste heat is a subject of great interest to the automotive sector, and we have a specialist from Jaguar LandRover speaking. Delegates can also opt to give a 2 minute presentation which assists networking. **Members of the SMMT are entitled to pay the NanoKTN members rate.**

**Further information:** <https://ktn.innovateuk.org/web/thermoelectric-energy-solutions>

12 - 14 April

**Commercial Vehicle Show 2011 and Workshop Show 2011, NEC, Birmingham**

The 2011 CV Show will be a major transport and automotive service industry meeting place, covering a wide range of products and services across to support your business and attracting visitors from all areas of the road transport industry.

**Further information:** Crystal Communications on 01634 261 262 or [enquiries@cvshow.com](mailto:enquiries@cvshow.com) or [enquiries@workshopshow.co.uk](mailto:enquiries@workshopshow.co.uk) or [www.cvshow.com](http://www.cvshow.com)

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12 - 14 April

**SMMT Vehicle Approval Seminars at CVShow, NEC, Birmingham**

SMMT is inviting interested companies to attend one of its Vehicle Approval Seminars, to be held during the Commercial Vehicle Show on 12 -14 April, at the NEC Birmingham. The seminars will take place in the mornings and afternoons of 12, 13 and 14 April. the seminars will present the very latest industry advice on the Vehicle Approval process for vehicle manufacturers, bodybuilders and converters.

**Further information:** Contact Claire Balch on [cbalch@smmt.co.uk](mailto:cbalch@smmt.co.uk)

5 May

**SMMT Electric Vehicle Group meeting, Forbes House, London**

**Further information:** Natasha James on [njames@smmt.co.uk](mailto:njames@smmt.co.uk)

15 - 19 May

**VTMS 10 – Vehicle Thermal Management Systems, Heritage Motor Centre, Gaydon**

VTMS 10 will cover the latest research and technological advances in the field of heat transfer, energy management, comfort and the efficient management of all thermal systems within the vehicle. The programme will feature plenary sessions, break out technical sessions, panel discussions, an associated exhibition, and a selection of optional technical visits. **SMMT members will be entitled to register at the reduced IMechE member rate.**

**Further information:** [www.imeche.org/events/c1305](http://www.imeche.org/events/c1305)

17 May

**The AFCO Conference, National Motorcycle Museum, Birmingham**

The annual ACFO conference and AGM event is run as a full day conference with keynote speakers and seminar sessions addressing the topical issues of greatest concern to fleets. At the 2010 event, speakers covered road safety, risk management, salary sacrifice, vehicle technology and the thorny issue of parking enforcement.

**Further information:** [http://www.acfo.org/event\\_info.php?id=34&title=ACFO Conference and AGM 2011](http://www.acfo.org/event_info.php?id=34&title=ACFO+Conference+and+AGM+2011)

18 - 19 May

**Hybrid & Electric Vehicle Conference – HEVC11, International Digital Laboratory, Warwick University**

This event is your opportunity to shape the future of Hybrid and Eco-friendly vehicles. The key objective of the event is to raise awareness and stimulate debate on hybrid and eco-friendly vehicles, and through a combination of presentations and workshops, formulate future strategy.

**Exhibition packages available from £500; for more details contact 01509 635 762**

**Further information:** <http://www.cenex.co.uk/events/hevc-2011>

25 – 29 May

**Autopromotec, Bologna, Italy**

The Manufacturers Exhibition Autopromotec is the most specialized exhibition in the world for the assistance to the automotive industry and is a benchmark of the international automotive aftermarket: it will take place in Bologna Trade Fair Centre from 25 - 29 May 2011. 47 countries were represented at Autopromotec 2009 with 32.4 % foreign exhibitors and 67.6% Italian exhibitors. The show, at its 24th biennial edition, will host garage equipment, all the sectors of the automotive aftermarket industry and the innovations for the sustainable mobility. SMMT presently has remaining spaces available for UK companies interested in exhibiting at this leading trade event. The enhanced shell scheme package rate is just £255 per m2 plus SMMT management fee of £150 (non members £550). There is also an obligatory Autopromotec marketing package fee of 450 EUR + VAT. The package includes day of exceptional visits to Lamborghini and Ferrari. (TBC). If you respond quickly SMMT will still be able to secure £1,000 UKTI TAP Grant support to supplement exhibitor costs.

**Further information:** Ruta Ainsthorpe on 020 7344 9231 or [rainsthorpe@smmt.co.uk](mailto:rainsthorpe@smmt.co.uk)

7 – 9 June

**Automechanika Middle East, Dubai, UAE**

SMMT took a UK group to 8th edition of Automechanika Middle East (2010) which took place from May 25th to 27th at the Dubai International Convention and Exhibition Centre. It was another big success with 1,007 exhibitors and 16,058 trade only visitors attending from 111 countries. The 2011 show aims to be even bigger and better, with added exhibition space and more participation of market leaders from the automotive sport, workshop equipment, tyres and batteries, parts and systems, repair and maintenance and accessories & tuning industries worldwide. UK Group Exhibitor packages exclusively available from SMMT.

**Further information:** David Croxson on 020 7344 9230 or [dcroxson@smmt.co.uk](mailto:dcroxson@smmt.co.uk)

19 - 21 June

**RaMaTec 2011, Amsterdam RAI, Netherlands**

Join SMMT in the UK Pavilion at ReMaTec 2011 – Europe's biggest and best re-manufacturing event – which will be held at Amsterdam RAI between 19 – 21 June 2011. We are offering three alternative packages to meet your individual needs and budget. If not, please call us to discuss your particular requirements. All members of

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the UK group will additionally benefit from :

- A single, one-stop service that leaves you free to concentrate on marketing your products and services
- A high-quality enhanced shell scheme
- A dedicated project manager, who will be on site throughout the show (as well as build up and dismantling days) to handle any problems
- Fixed costs, payable in Sterling
- Access to the UK Pavilion lounge, refreshment and meeting room facilities throughout the show
- A UKTI exhibitor grant of £1,000 for qualifying companies. [Please note: due to the constraints on government budgets, only six grants are available at ReMaTec 2011. These will be offered to companies joining the UK group on a first-come, first-served basis.]

**Further information:** Pat Shaw on 020 7344 9260 or [pshaw@smt.co.uk](mailto:pshaw@smt.co.uk)

28 June

**SMMT International Automotive Summit, Millbank Tower, Westminster, London**

Covering topics from retail to the supply chain and from international investment to low carbon technologies, the SMMT International Automotive Summit is again set to be the 'must attend event' of the year. Previous Summits saw hundreds of the industry's most senior executives as well as the country's top politicians, speaking on some of the key policies affecting the UK and global automotive scene. A series of breakout sessions will ensure that subjects in every automotive area are discussed in detail, providing a full day of top-level presentations and debates. Further details of additional speakers and discussion topics will be announced over the coming weeks.

**Further information:** [cbalch@smt.co.uk](mailto:cbalch@smt.co.uk), Tickets on sale at [www.smtsummit.co.uk](http://www.smtsummit.co.uk)

30 Jun – 2 July

**Mobility Roadshow 2011, East of England Showground, Peterborough**

The UK's premier consumer mobility motoring and independent lifestyle event offering motor manufacturers, vehicle conversion and adaptation specialists the perfect platform to showcase their latest offerings and gain direct feedback from thousands of end-user customers in this sector. The only UK event of its kind where drivers and potential drivers can test drive such a wide range of adapted vehicles, compare and discuss options. Free to visitors.

**Further information:** [cbalch@smt.co.uk](mailto:cbalch@smt.co.uk)

24 – 27 Aug

**Automechanika Moscow**

SMMT has once again organised a UK pavilion at Automechanika Moscow 2011. This will be the second time the UK has exhibited as a group at this event –attracting an increasing number of exhibitors. As a consequence of representations made to UKTI by SMMT, for suitable applicants TAP grant support of £1800, subject to terms and conditions, may be available for a maximum of nine participating companies on a first applied basis. Automechanika Moscow is the aftermarket trade event in Russia for automotive car and truck parts and systems, vehicle accessories and tuning, repair and maintenance, IT & management, service station & car wash, tyres, batteries and garage workshop equipment.

**Further information:** Exhibitor booking information at [www.mobilityroadshow.co.uk](http://www.mobilityroadshow.co.uk) or call 0845 241 0390

8 Sep

**SMMT Electric Vehicle Group meeting, venue tbc**

**Further information:** Natasha James on [njames@smt.co.uk](mailto:njames@smt.co.uk)

7 - 8 Sep

**Low Carbon Vehicle Event - LCV2011, Rockingham, Northants**

Conference – Technology Exhibition – Ride & Drive. Interested in exhibiting / attending / presenting please email [events2011@cenex.co.uk](mailto:events2011@cenex.co.uk) , **Further information:** [Events2011@cenex.co.uk](mailto:Events2011@cenex.co.uk)

11 – 15 Oct

**Equip Auto 2011, Paris, France**

EQUIP AUTO 2011 will continue its focus on passenger and commercial vehicle systems, parts, accessories, repair and maintenance, but will be increasing the range of vehicles exhibited to include farm vehicles, material handling and construction equipment, military vehicles and two wheelers. UK Group Exhibitor packages exclusively available from SMMT.

**Further information:** Ruta Ainsthorpe on 020 7344 9231 or [rainsthorpe@smt.co.uk](mailto:rainsthorpe@smt.co.uk)

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2 Nov

**The AFCE Awards 2011, Hilton Birmingham Metropole**

AFCE is the Association of Car Fleet Operators, the AFCE Awards is a gala dinner to shine a spotlight on the vehicles, services and companies that have most impressed the membership of AFCE - the UK's Premier Organisation for Fleet Operators. Winning or indeed being nominated for an AFCE Award is the preserve of an elite band of companies. Voted for by fleet operators the AFCE Awards highlight operational success rather than pure paper spec and showroom appeal, demonstrably raising the marketing potential of any brand and providing an accolade that is highly respected throughout the automotive industry.

**Further information:** [www.afceawards.com](http://www.afceawards.com)

22 Nov

**SMMT Annual Dinner, London Hilton, Park Lane**

SMMT's 95th Annual Dinner is one of the most prestigious events in the automotive calendar, attracting more than 850 senior industry executives. Hosted by SMMT President Nigel Stein of GKN, the event offers unique networking in a convivial atmosphere. Earlybird discount tickets at 2010 prices are available until 27 May.

**Further information:** [annualdinner@smmt.co.uk](mailto:annualdinner@smmt.co.uk)

1 Dec

**SMMT Electric Vehicle Group meeting, venue tbc**

**Further information:** Natasha James on [njames@smmt.co.uk](mailto:njames@smmt.co.uk)

7 - 10 Dec

**Automechanika Shanghai 2011, Shanghai, China**

Automechanika Shanghai, Asia's largest trade fair for automotive parts, equipment and services, will take place from 7 – 10 December 2011 at the Shanghai New International Expo Centre. Visitors, representing 130 countries and regions at the 2010 show, increased to 50,561, while more than 3,100 exhibitors showcased their latest automotive products and services in 138,000 sqm of exhibition space in 11 established halls plus six temporary halls.

**Further information:** Catis Cheung on 00852 2802 7728 or [catis.cheung@hongkong.messefrankfurt.com](mailto:catis.cheung@hongkong.messefrankfurt.com)  
[www.automechanika-shanghai.com](http://www.automechanika-shanghai.com)

**BS EN 13214:2001**

Thermal spraying. Thermal spray coordination. Tasks and responsibilities

STI/40

Superseded by BS EN ISO 12690:2010

**BS EN ISO 13680:2008**

Petroleum and natural gas industries. Corrosion-resistant alloy seamless tubes for use as casing, tubing and coupling stock. Technical delivery conditions

PSE/17/-/5

Superseded by BS EN ISO 13680:2010

**DD CEN/TS 15210-2:2005**

Solid biofuels. Method for the determination of mechanical durability of pellets and briquettes. Briquettes

PTI/17

Superseded by BS EN 15210-2:2010

**DD CEN ISO/TS 17573:2003**

Road transport and traffic telematics. Electronic fee collection (EFC). System architecture for vehicle related transport services

EPL/278

Superseded by BS ISO 17573:2010

**DD CEN ISO/TS 22475-2:2006**

Geotechnical investigation and testing. Sampling methods and groundwater measurements. Qualification criteria for enterprises and personnel

B/526/3

Superseded by BS 22475-2:2011

**DD CEN ISO/TS 22475-3:2007**

Geotechnical investigation and testing. Sampling methods and groundwater measurements. Conformity assessment of enterprises and personnel by third party

B/526/3

Superseded by BS 22475-3:2011

**BS EN 60335-2-13:2003**

Household and similar electrical appliances. Safety. Particular requirements for deep fat fryers, frying pans and similar appliances

CPL/61/07

Superseded by BS EN 60335-2-13:2003+A2:2008

**BS EN 60335-2-36:2002**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements

CPL/61/5

Superseded by BS EN 60335-2-36:2002+A2:2008

**BS EN 60335-2-37:2002**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric deep fat fryers

CPL/61/5

Superseded by BS EN 60335-2-37:2002+A1:2008

**BS EN 60335-2-38:2003**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric griddles and griddle grills

CPL/61/5

Superseded by BS EN 60335-2-38:2003+A1:2008

**BS EN 60335-2-48:2003**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric grillers and toasters

CPL/61/5

Superseded by BS EN 60335-2-48:2003+A1:2008

**BS EN 60335-2-58:2005**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric dishwashing machines

CPL/61/5

Superseded by BS EN 60335-2-58:2003+A1:2008

**BS EN 60335-2-62:2003**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric rinsing sinks

CPL/61/5

Superseded by BS EN 60335-2-62:2003+A1:2008

**BS EN 60598-2-22:1999**

Luminaires. Particular requirements. Luminaires for emergency lighting

CPL/34/4

Superseded by BS EN 60598-2-22:1998+A2:2008

**BS EN 196000:1993**

Harmonized system of quality assessment for electronic components. Generic specification. Electromechanical switches

EPL/23

Superseded by BS EN 61020-1:2009

**BS EN 196103:2000**

Blank detail specification: Rotary switches. Assessment level Y

EPL/23

Superseded by BS EN 61020-1:2009

**BS EN 196500:1993**

Harmonized system of quality assessment for electronic components. Sectional specification. Membrane switches including blank detail specification EN 196501

EPL/48

Superseded by BS EN 61020-1:2009

**BS ISO/IEC 15292:2001**

Information technology. Security techniques. Protection profile registration procedures

IST/33

This standard has been withdrawn as the corresponding International Standard ISO/IEC 15292:2001 has been withdrawn

**Withdrawn publications**

If you have questions about withdrawn titles contact the BSI Knowledge Centre



knowledgecentre@bsigroup.com



+44 (0)20 8996 7004

**PD R210-008:2002**

Guide to EMC conformity of apparatus designed for military and other purposes

GEL/210/12

Superseded by PD CLC/TR 50538:2010

**BS HR 650:1972**

Specification for high expansion heat-resisting steel bar and wire for the manufacture of bolts, studs, set screws and nuts (Ni 25. 5, Cr 15, Ti 2, Mn 1.5, Mo 1.25, Si 0.7, V 0.3) (limiting ruling section 20 mm)

ACE/61/-/48

Superseded by BS 2HR 650:2011, BS EN 2398:2008 and BS EN 2399:2008

**BS QC 960000:1992**

(IEC 61020-1:1991)

Harmonized system of quality assessment for electronic components. Electromechanical switches for use in electronic equipment. Generic specification

EPL/48

Superseded by BS EN 61020-1:2009

**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 are welcome and should be sent to Debbie Stead, Head of Committee Service Centre – Operations, BSI Head Office, 389 Chiswick High Road, London W4 4AL or via email to [BSUKoperations.review@bsigroup.com](mailto:BSUKoperations.review@bsigroup.com) by **30 April, 2011**, in order to be considered by the relevant UK Committee.

**BS 684-2.42:1989**

(ISO 7366:1987)

Methods of analysis of fats and fatty oils. Other methods. Determination of 1-monoglycerides and free glycerol contents

AW/307

**BS 1263-1:1989**

(ISO 595-1:1986)

Reusable hypodermic syringes for medical use. Specification for dimensions of all-glass and metal-and-glass syringes

CH/84

**BS 3734-1:1997**

(ISO 3302-1:1996)

Rubber. Tolerances for products. Dimensional tolerances

PRI/73

**BS 3762-3.19:1983**

(ISO 4313:1976)

Analysis of formulated detergents. Quantitative test methods

CII/34



**BS 4258-8:1978**

(ISO 3707:1976)

Methods of test for phosphoric acid (orthophosphoric acid) for industrial use. Determination of calcium content (flame atomic absorption method)

CII/37

**BS 4258-12:1982**

(ISO 4285:1977)

Methods of test for phosphoric acid (orthophosphoric acid) for industrial use. Guide to sampling techniques

CII/37

**BS 4427-10:1976**

(ISO 3357:1975)

Methods of test for sodium tripolyphosphate (pentasodium triphosphate) and sodium pyrophosphate (tetrasodium pyrophosphate) for industrial use. Determination of total phosphorus (V) oxide content: quinoline phosphomolybdate gravimetric method

CII/34

**BS 4427-13:1982**

(ISO 5373:1981)

Methods of test for sodium tripolyphosphate (pentasodium triphosphate) and sodium pyrophosphate (tetrasodium pyrophosphate) for industrial use. Condensed phosphates for industrial use (including foodstuffs). Determination of calcium content. Flame atomic absorption spectrometric method

CII/34

**BS 4480-3:1993**

(ISO 4379:1993)

Plain bearings: metric series. Copper alloy bushes

MCE/12

**BS 4522:1988**

(ISO 758:1976)

Method for determination of absolute density at 20°C of liquid chemical products for industrial use

CII/26

**BS 4591:1990**

(ISO 918:1983)

Method for determination of distillation characteristics of organic liquids (other than petroleum products)

CII/26

**BS 5072-4:1980**

(ISO 3428:1976)

Methods of test for sodium fluoride for industrial use. Preparation and storage of test samples

CII/24

**BS 5293-3:1996**

(ISO 1435:1996)

Sampling and testing carbon black for use in the rubber industry. Method for determination of fines content

PRI/50

**BS 5377-2:1990**

(ISO 4312:1989)

Assessment of laundering effects by means of a cotton control cloth. Methods of analysis and test for the unsoiled cotton control cloth

CII/34

**BS 5550-5.4.3:1987**

(ISO 162:1985)

Cinematography. Common to more than one film gauge. Sound. Specification for positions and width dimensions of recording and reproducing head gaps for three-, four- or six-track magnetic sound records on 35 mm and single-track on 17.5 mm motion-picture film containing no picture

CPW/36

**BS 5711-2:1979**

(ISO 2096:1972)

Methods of sampling and test for glycerol. Methods of sampling

CII/26

**BS 6057-1.2:1990**

(ISO 2027:1990)

Rubber latices. Specification and coding. Specification for evaporated, preserved natural rubber latices

PRI/50

**BS 6057-3.9:1996**

(ISO 976:1996)

Rubber latices. Methods of test. Determination of pH

PRI/50

**BS 6057-3.12:1992**

(ISO 1802:1992)

Rubber latices. Methods of test. Determination of boric acid content of natural rubber latex concentrate

PRI/50

**BS 6070-1:1981**

(ISO 740:1976)

Methods of sampling and test for sodium carbonate for industrial use. Determination of total soluble alkali content

CII/26

**BS 6070-4:1981**

(ISO 746:1976)

Methods of sampling and test for sodium carbonate for industrial use. Determination of matter insoluble in water

CII/26

**BS 6075-1:1981**

(ISO 979:1974)

Methods of sampling and test for sodium hydroxide for industrial use. Determination of sodium hydroxide content

CII/26

**BS 6075-2:1981**

(ISO 981:1973)

Methods of sampling and test for sodium hydroxide for industrial use. Determination of chloride content (mercurimetric method)

CII/26

**BS 6075-5:1981**

(ISO 3195:1975)

Methods of sampling and test for sodium hydroxide for industrial use. Sampling and preparation of main test solution

CII/26

**BS 6075-6:1981**

(ISO 3196:1975)

Methods of sampling and test for sodium hydroxide for industrial use. Determination of carbonate content

CII/26

**BS 6075-11:1981**

(ISO 5993:1979)

Methods of sampling and test for sodium hydroxide for industrial use. Determination of mercury content (flameless atomic absorption method)

CII/26

**BS 6092-3:1981**

(ISO 1690:1976)

Methods of sampling and test for sodium and potassium silicates for industrial use. Determination of silica content (gravimetric method)

CII/26

**BS 6092-4:1981**

(ISO 1691:1976)

Methods of sampling and test for sodium and potassium silicates for industrial use. Determination of carbonate content

CII/26

**BS 6092-5:1981**

(ISO 1692:1976)

Methods of sampling and test for sodium and potassium silicates for industrial use. Determination of total alkali content

CII/26

**BS 6092-6:1981**

(ISO 2122:1972)

Methods of sampling and test for sodium and potassium silicates for industrial use. Preparation of solutions of not readily soluble products and determination of matter insoluble in water

CII/26

**BS 6248-7:1982**

(ISO 5549:1978)

Caseins and caseinates. Method for determination of protein content (reference method)

AW/5

**BS 6584:1985**

(ISO 4198:1984)

Guide for comparative testing of performance of detergents for hand dishwashing

CII/34

**BS 6606:1987**

(ISO 5500:1986)

Methods for sampling oilseed residues

AW/307

**BS 6829-1.2:1988**

(ISO 4314:1977)

Analysis of surface active agents (raw materials). General methods. Method for determination of free alkalinity or free acidity

CII/34

**BS 6829-1.3:1988**

(ISO 4315:1977)

Analysis of surface active agents (raw materials). General methods. Method for determination of alkalinity

CII/34

**BS 7164-7.1:1990**

(ISO 5945:1989)  
Chemical tests for raw and vulcanized rubber.  
Methods for determination of polymer content.  
Polyisoprene content  
PRI/23

**BS 7164-8:1996**

(ISO 249:1995)  
Chemical tests for raw and vulcanized rubber.  
Method for determination of dirt content of  
raw natural rubber  
PRI/23

**BS 7164-12:1991**

(ISO 2453:1991)  
Chemical tests for raw and vulcanized rubber.  
Determination of bound styrene content of raw  
styrene-butadiene rubber; emulsion  
polymerized: refractive index method  
PRI/23

**BS 7164-14:1996**

(ISO 1408:1995)  
Chemical tests for raw and vulcanized rubber.  
Methods for determination of carbon black  
content  
PRI/23

**BS 7164-21:1996**

(ISO 1656:1996)  
Chemical tests for raw and vulcanized rubber.  
Determination of nitrogen content  
PRI/23

**BS 7164-22.2:1992**

(ISO 7725:1991)  
Chemical tests for raw and vulcanized rubber.  
Determination of chlorine content. Oxygen  
flask combustion technique for determination  
of bromine and chlorine  
PRI/23

**BS 7164-25:1996**

(ISO 8054:1996)  
Chemical tests for raw and vulcanized rubber.  
Method for determination of sulfide sulfur  
content  
PRI/23

**BS 7164-27.2:1990**

(ISO 1657:1986)  
Chemical tests for raw and vulcanized rubber.  
Methods for determination of iron content.  
Photometric method  
PRI/23

**BS 7164-29.1:1992**

(ISO 6101-1:1991)  
Chemical tests for raw and vulcanized rubber.  
Methods for determination of zinc content.  
Atomic absorption spectrometry  
PRI/23

**BS 7319-1:1990**

(ISO 2481:1973)  
Analysis of sodium chloride for industrial use.  
Method for determination of sodium chloride  
content  
CII/26

**BS 7319-2:1990**

(ISO 2483:1973)  
Analysis of sodium chloride for industrial use.  
Method for determination of moisture content  
CII/26

**BS 7319-3:1990**

(ISO 2479:1972)  
Analysis of sodium chloride for industrial use.  
Method for determination of matter insoluble  
in water or in acid  
CII/26

**BS 7319-4:1990**

(ISO 2480:1972)  
Analysis of sodium chloride for industrial use.  
Method for determination of sulphate content  
CII/26

**BS 7319-5:1990**

(ISO 2482:1973)  
Analysis of sodium chloride for industrial use.  
Method for determination of calcium and  
magnesium contents  
CII/26

**BS 7823-1:1995**

(ISO 11687-1:1995)  
Pedestal plain bearings. Specification for pillow  
blocks  
MCE/12

**BS 7823-2:1995**

(ISO 11687-2:1995)  
Pedestal plain bearings. Specification for side  
flange bearings  
MCE/12

**BS 7823-3:1995**

(ISO 11687-3:1995)  
Pedestal plain bearings. Specification for centre  
flange bearings  
MCE/12

**BS EN 455-3:2006**

Medical gloves for single use. Requirements and  
testing for biological evaluation  
CH/205/3

**BS EN ISO 664:2008**

Oilseeds. Reduction of laboratory sample to test  
sample  
AW/307

**BS EN ISO 734-2:2010**

Oilseed meals. Determination of oil content.  
Rapid extraction method  
AW/307

**BS EN 993-1:1995**

(BS 1902-3.8:1995)  
Methods of test for dense shaped refractory  
products. Determination of bulk density,  
apparent porosity and true porosity  
RPI/1

**BS EN 993-2:1995**

(BS 1902-3.4:1995)  
Methods of test for dense shaped refractory  
products. Determination of true density  
RPI/1

**BS EN 993-3:1997**

Methods of test for dense shaped refractory  
products. Test methods for carbon-containing  
refractories  
RPI/1

**BS EN 993-4:1995**

(BS 1902-3.9:1995)  
Methods of test for dense shaped refractory  
products. Determination of permeability to  
gases  
RPI/1

**BS EN 993-6:1995**

(BS 1902-4.4:1995)  
Methods of test for dense shaped refractory  
products. Determination of modulus of rupture  
at ambient temperature  
RPI/1

**BS EN 993-9:1997**

Methods of test for dense shaped refractory  
products. Determination of creep in  
compression  
RPI/1

**BS EN 993-12:1997**

(BS 1902-5.2:1997)  
Methods of test for dense shaped refractory  
products. Determination of pyrometric cone  
equivalent (refractoriness)  
RPI/1

**BS EN 993-13:1995**

Methods of test for dense shaped refractory  
products. Specification for pyrometric reference  
cones for laboratory use  
RPI/1

**BS EN 993-16:1995**

Methods of test for dense shaped refractory  
products. Determination of resistance to sulfuric  
acid  
RPI/1

**BS EN 1094-4:1995**

Insulating refractory products. Determination of  
bulk density and true porosity  
RPI/1

**BS EN 1235:1995**

Solid fertilizers. Test sieving  
CII/37

**BS EN ISO 1622-2:1999**

Plastics. Polystyrene (PS) moulding and extrusion  
materials. Preparation of test specimens and  
determination of properties  
PRI/82

**BS EN ISO 1798:2008**

Flexible cellular polymeric materials.  
Determination of tensile strength and  
elongation at break  
PRI/24

**BS EN ISO 1923:1995**

Cellular plastics and rubbers. Determination of  
linear dimensions  
PRI/24

**BS EN ISO 2439:2008**

Flexible cellular polymeric materials.  
Determination of hardness (indentation technique)

PRI/24

**BS EN ISO 2870:2009**

Surface active agents. Detergents.  
Determination of anionic-active matter hydrolysable and non-hydrolysable under acid conditions

CII/34

**BS EN ISO 2871-1:2010**

Surface active agents. Detergents.  
Determination of cationic-active matter content. High-molecular-mass cationic-active matter

CII/34

**BS EN ISO 2871-2:2010**

Surface active agents. Detergents.  
Determination of cationic-active matter content. Cationic-active matter of low molecular mass (between 200 and 500)

CII/34

**BS EN ISO 2898-2:2008**

Plastics. Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials. Preparation of test specimens and determination of properties

PRI/82

**BS EN ISO 3596:2001**

(BS 684-2.7:2001)

Animal and vegetable fats and oils.  
Determination of unsaponifiable matter.  
Method using diethyl ether extraction

AW/307

**BS EN ISO 3696:1995**

Water for analytical laboratory use.  
Specification and test methods

CII/26

**BS EN ISO 4044:2008**

Leather. Chemical tests. Preparation of chemical test samples

TCI/69

**BS EN ISO 4045:2008**

Leather. Chemical tests. Determination of pH

TCI/69

**BS EN ISO 4048:2008**

Leather. Chemical tests. Determination of matter soluble in dichloromethane and free fatty acid content

TCI/69

**BS EN ISO 4610:2001**

Plastics. Vinyl chloride homopolymer and copolymer resins. Sieve analysis using air-jet sieve apparatus

PRI/82

**BS EN ISO 4894-2:1999**

Plastics. Styrene/acrylonitrile (SAN) copolymer moulding and extrusion materials. Preparation of test specimens and determination of properties

PRI/82

**BS EN ISO 7886-2:1997**

Sterile hypodermic syringes for single use.  
Syringes for use with power-driven syringe pumps

CH/84

**BS EN ISO 8067:2008**

Flexible cellular polymeric materials.  
Determination of tear strength

PRI/24

**BS EN ISO 8257-2:2006**

Plastics. Poly(methyl methacrylate) (PMMA) moulding and extrusion materials. Preparation of test specimens and determination of properties

PRI/82

**BS EN ISO 8292-1:2010**

Animal and vegetable fats and oils.  
Determination of solid fat content by pulsed NMR. Direct method

AW/307

**BS EN ISO 8292-2:2010**

Animal and vegetable fats and oils.  
Determination of solid fat content by pulsed NMR. Indirect method

AW/307

**BS EN ISO 9054:1999**

Cellular plastics, rigid. Test methods for self-skinned high-density materials

PRI/24

**BS EN 10021:2006**

General technical delivery requirements for steel products

ISE/100

**BS EN ISO 10555-2:1997**

Sterile, single-use intravascular catheters.  
Angiographic catheters

CH/84

**BS EN ISO 11963:1996**

Plastics. Polycarbonate sheets. Types, dimensions and characteristics

PRI/75

**BS EN 12047:1997**

Solid fertilizers. Measurement of static angle of repose

CII/37

**BS EN 12048:1997**

Solid fertilizers and liming materials.  
Determination of moisture content. Gravimetric method by drying at  $(105 \pm 2) ^\circ\text{C}$

CII/37

**BS EN 12049:1997**

Solid fertilizers and liming materials.  
Determination of moisture content. Gravimetric method by drying under reduced pressure

CII/37

**BS EN 12944-3:2002**

Fertilizers and liming materials. Vocabulary. Terms relating to liming materials

CII/37

**BS EN 13266:2001**

Slow-release fertilizers. Determination of the release of the nutrients. Method for coated fertilizers

CII/37

**BS EN ISO 13366-1:2008**

Milk. Enumeration of somatic cells. Microscopic method (Reference method)

AW/5

**BS EN 13466-1:2001**

Fertilizers. Determination of water content (Karl Fischer methods). Methanol as extracting medium

CII/37

**BS EN 13466-2:2001**

Fertilizers. Determination of water content (Karl Fischer methods). 2-propanol as extracting medium

CII/37

**BS EN 13475:2002**

Liming materials. Determination of calcium content. Oxalate method

CII/37

**BS EN ISO 13477:2008**

Thermoplastics pipes for the conveyance of fluids. Determination of resistance to rapid crack propagation (RCP). Small-scale steady-state test (S4 test)

PRI/88/4

**BS EN 13535:2001**

Fertilizers and liming materials. Classification

CII/37

**BS EN ISO 13691:2002**

Petroleum and natural gas industries. High-speed special-purpose gear units

MCE/5

**BS EN 14079:2003**

Non-active medical devices. Performance requirements and test methods for absorbent cotton gauze and absorbent cotton and viscose gauze

CH/205/1

**BS EN 14383-1:2006**

Prevention of crime. Urban planning and building design. Definition of specific terms

B/562

**BS EN 14785:2006**

Residential space heating appliances fired by wood pellets. Requirements and test methods

RHE/28

**BS EN 14984:2006**

Liming materials. Determination of product effect on soil pH. Soil incubation method

CII/37

**BS EN ISO 15023-1:2006**

Plastics. Poly(vinyl alcohol) (PVAL) materials. Designation system and basis for specifications

PRI/82



**BS EN ISO 18609:2001**

(BS 684-2.51:2001)  
Animal and vegetable fats and oils.  
Determination of unsaponifiable matter.  
Method using hexane extraction

AW/307

**BS EN ISO 20182:2008**

Refractory testpiece preparation. Gunning refractory panels by the pneumatic-nozzle mixing type guns

RPI/1

**BS EN ISO 21078-1:2008**

Determination of boron (III) oxide in refractory products. Determination of total boron (III) oxide in oxidic materials for ceramics, glass and glazes

RPI/1

**BS EN ISO 21549-5:2008**

Health informatics. Patient healthcard data. Identification data

IST/35

**BS EN ISO 21549-6:2008**

Health informatics. Patient healthcard data. Administrative data

IST/35

**BS EN ISO 26845:2008**

Chemical analysis of refractories. General requirements for wet chemical analysis, atomic absorption spectrometry (AAS) and inductively coupled plasma atomic emission spectrometry (ICP-AES) methods

RPI/1

**BS EN ISO 27107:2010**

Animal and vegetable fats and oils.  
Determination of peroxide value.  
Potentiometric end-point determination

AW/307

**BS EN ISO 28941-1:2008**

Plastics. Poly(phenylene ether) (PPE) moulding and extrusion materials. Designation system and basis for specifications

PRI/82

**BS ISO 54:1996**

Cylindrical gears for general engineering and for heavy engineering. Modules

MCE/5

**BS ISO 123:2001**

Rubber latex. Sampling

PRI/50

**BS ISO 1039:1995**

Cinematography. Cores for motion-picture and magnetic film rolls. Dimensions

CPW/36

**BS ISO 3023:1995**

Cinematography. 65 mm and 70 mm unexposed motion-picture film. Cutting and perforating dimensions

CPW/36

**BS ISO 3061:2008**

Oil of black pepper (*Piper nigrum* L.)

AW/54

**BS ISO 3858:2008**

Rubber compounding ingredients. Carbon black. Determination of light transmittance of toluene extract

PRI/50

**BS ISO 4217:2008**

Codes for the representation of currencies and funds

IST/12

**BS ISO 4548-9:2008**

Methods of test for full-flow lubricating oil filters for internal combustion engines. Inlet and outlet anti-drain valve tests

MCE/21/5

**BS ISO 5435:2008**

Rubber compounding ingredients. Carbon black. Determination of tinting strength

PRI/50

**BS ISO 5544:2008**

Caseins. Determination of "fixed ash" (Reference method)

AW/5

**BS ISO 5545:2008**

Rennet caseins and caseinates. Determination of ash (Reference method)

AW/5

**BS ISO 5547:2008**

Caseins. Determination of free acidity (Reference method)

AW/5

**BS ISO 6025:2000**

Cinematography. Analogue photographic sound test films, 35 mm and 16mm. Specifications

CPW/36

**BS ISO 7617-1:2001**

Plastics-coated fabrics for upholstery. Specification for PVC-coated knitted fabrics

TCI/69

**BS ISO 7781:2008**

Styrene-butadiene rubber, raw. Determination of soap and organic-acid content

PRI/23

**BS ISO 8395:1995**

Cinematography. Test films for the reproduction of 70 mm motion-picture release prints with magnetic stripes. Specifications

CPW/36

**BS ISO 8426:2008**

Hydraulic fluid power. Positive displacement pumps and motors. Determination of derived capacity

MCE/18/-/8

**BS ISO 9083:2001**

Calculation of load capacity of spur and helical gears. Application to marine gears

MCE/5

**BS ISO 9183-1:2008**

Tools for pressing. Wear plates for press dies. Type A

MTE/12

**BS ISO/IEC 10373-5:2006**

Identification cards. Test methods. Optical memory cards

IST/17

**PD ISO/TR 10771-2:2008**

Hydraulic fluid power. Fatigue pressure testing of metal pressure-containing envelopes. Rating method

MCE/18/-/8

**BS ISO 11073-90101:2008**

Health informatics. Point-of-care medical device communication. Analytical instruments. Point-of-care test

IST/35

**BS ISO/IEC 11694-5:2006**

Identification cards. Optical memory cards. Linear recording method. Data format for information interchange for applications using ISO/IEC 11694-4, annex B

IST/17

**BS ISO/IEC 11694-6:2006**

Identification cards. Optical memory cards. Linear recording method. Use of biometrics on an optical memory card

IST/17

**BS ISO 12129-2:1995**

Plain bearings. Tolerances on form and position and surface roughness for shafts, flanges and thrust collars

MCE/12

**BS ISO 12303:1995**

Plain bearings. Quality characteristics. Calculation of machine and process capabilities

MCE/12

**BS ISO 13726:2008**

Hydraulic fluid power. Single rod cylinders, 16 MPa (160 bar) compact series with bores from 250 mm to 500 mm. Accessory mounting dimensions

MCE/18/-/3

**BS ISO 14661:2000**

Thermal turbines for industrial applications (steam turbines, gas expansion turbines). General requirements

MCE/13

**BS ISO 15077:2008**

Tractors and self-propelled machinery for agriculture. Operator controls. Actuating forces, displacement, location and method of operation

AGE/6

**BS ISO 15106-4:2008**

Plastics. Film and sheeting. Determination of water vapour transmission rate. Gas-chromatographic detection sensor method

PRI/75

**BS ISO 15490:2008**

Fine ceramics (advanced ceramics, advanced technical ceramics). Test method for tensile strength of monolithic ceramics at room temperature

RPI/13

**BS ISO 15509:2001**

Adhesives. Determination of the bond strength of engineering-plastic joints

PRI/52

**BS ISO 16366:2008**

Tools for pressing. L-shaped guides

MTE/12

**BS ISO 16367:2008**

Tools for pressing. Guide plates. U- and V-blocks

MTE/12

**BS ISO 16565:2008**

Rubber. Determination of 5-ethylidenenorbornene (ENB) or dicyclopentadiene (DCPD) in ethylene-propylene-diene (EPDM) terpolymers

PRI/23

**BS ISO 16818:2008**

Building environment design. Energy efficiency. Terminology

RHE/16

**BS ISO 16938-1:2008**

Building construction. Determination of the staining of porous substrates by sealants used in joints. Test with compression

B/547

**BS ISO 16938-2:2008**

Building construction. Determination of the staining of porous substrates by sealants used in joints. Test without compression

B/547

**BS ISO 17090-1:2008**

Health informatics. Public key infrastructure. Overview of digital certificate services

IST/35

**BS ISO 17090-2:2008**

Health informatics. Public key infrastructure. Certificate profile

IST/35

**BS ISO 17090-3:2008**

Health informatics. Public key infrastructure. Policy management of certification authority

IST/35

**BS ISO 17314:2008**

Manually portable forest machinery. Recyclability and recoverability. Calculation method

AGE/29

**BS ISO 17372:2008**

Animal feeding stuffs. Determination of zearalenone by immunoaffinity column chromatography and high performance liquid chromatography

AW/10

**BS ISO 17564:2008**

Raw hydrogenated nitrile rubber (HNBR). Determination of residual unsaturation by iodine value

PRI/23

**BS ISO 18373-2:2008**

Rigid PVC pipes. Differential scanning calorimetry (DSC) method. Measurement of the enthalpy of fusion of crystallites

PRI/88/4

**BS ISO 19712-1:2008**

Plastics. Decorative solid surfacing materials. Classification and specifications

PRI/76

**BS ISO 20299-3:2008**

Film for wrapping rubber bales. Ethylene-propylene-diene rubber (EPDM), acrylonitrile-butadiene rubber (NBR), hydrogenated nitrile-butadiene rubber (HNBR), acrylic-ethylene rubber (AEM) and acrylic rubber (ACM)

PRI/50

**BS ISO 21011:2008**

Cryogenic vessels. Valves for cryogenic service

PVE/18

**BS ISO 23480:2008**

Tools for pressing. Sliding plates

MTE/12

**BS ISO 23481:2008**

Tools for pressing. Cam driver plates

MTE/12

**BS ISO 24233:2008**

Tools for moulding. Tool specification sheet for diecasting dies

MTE/12

**BS ISO 24344:2008**

Resilient floor coverings. Determination of flexibility and deflection

PRI/60

**BS ISO 24698-1:2008**

Rubber, raw. Determination of bound Acrylonitrile content in acrylonitrile-butadiene rubber (NBR). Combustion (Dumas) method

PRI/23

**BS ISO 24698-2:2008**

Rubber, raw. Determination of bound acrylonitrile content in acrylonitrile-butadiene rubber (NBR). Kjeldahl method

PRI/23

**BS ISO 25761:2008**

Plastics. Polyols for use in the production of polyurethanes. Determination of basicity (total amine value), expressed as percent nitrogen

PRI/72

**BS ISO 26603:2008**

Plastics. Aromatic isocyanates for use in the production of polyurethanes. Determination of total chlorine

PRI/72/4

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**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 "BS EN XXXX", it has not yet been allocated a standard number by the European standards body.

**BS 1881-122**

Testing concrete. Method for determination of water absorption

will supersede BS 1881-122:1983

B/517/1

**BS 1881-129**

Testing concrete. Method for determination of density of partially compacted semi-dry fresh concrete

will supersede BS 1881-129:1992

B/517/1

**BS 3379:2005/A1**

Combustion modified flexible polyurethane cellular materials for loadbearing applications. Specification

PRI/71

**BS 3828**

Specification for crystal glass

will supersede BS 3828:1973

CW/29

**BS 5760-24**

Reliability of systems, equipment and components. Integration of risk assessment in the inspection and testing of complex systems

DS/1

**BS 5896**

Specification for high tensile steel wire and strand for the prestressing of concrete

will supersede BS 5896:1980

ISE/104

**BS 5911-3:2010/A1**

Concrete pipes and ancillary concrete products. Specification for unreinforced and reinforced concrete manholes and soakaways (complementary to BS EN 1917:2002)

B/505

**BS 7176:2007/A1**

Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites

FW/6

**BS 7177:2008/A1**

Specification for resistance to ignition of mattresses, mattress pads, divans and bed bases

FW/6

**BS 7910**

Guide to methods for assessing the acceptability of flaws in metallic structures

will supersede BS 7910:2005

WEE/37

## BS 8221-1

Code of practice for cleaning and surface repair of buildings. Cleaning of natural stones, brick, terracotta and concrete

will supersede BS 8221-1:2000

B/560

## BS 8221-2

Code of practice for cleaning and surface repair of buildings. Surface repair of natural stones, brick and terracotta

will supersede BS 8221-2:2000

B/560

## BS 8233

Sound insulation and noise reduction for buildings. Code of practice

will supersede BS 8233:1999

B/564

## BS 8500-1:2006/A1

Concrete. Complementary British Standard to BS EN 206-1. Method of specifying and guidance for the specifier

B/517

## BS 8500-2:2006/A1

Concrete. Complementary British Standard to BS EN 206-1. Specification for constituent materials and concrete

B/517

## BS 8570

Code of practice. Installation of electrical resistance strain gauges

ISE/101/1

## BS XXXX

Water safety signs. Guidance for use of coastal slipway safety signs and symbols

PH/8/1

## EN WI 00169055

Performance of reflecting surfaces for luminaires

CPL/34/10

## EN WI 00256431

Railway applications. Driver's cab. Integration of screens, controls and indicators

RAE/1/-/14

## EN WI 00256432

Railway applications. Driver's cab. Design of displays

RAE/1/-/14

## EN WI 00256468

Railway applications. Ground based services. Refuelling equipment

RAE/1

## EN WI 00256469

Railway applications. Ground based services. Water restocking equipment

RAE/1

## EN WI 00256536

Railway applications. Braking. Passenger coach test procedure

RAE/4

## EN WI 00256537

Railway applications. Braking. Brake performance

RAE/4

## EN WI 00256539

Railway applications. Requirements for trackside boards. General requirements for trackside boards visibility

RAE/1/-/7

## EN WI 00256540

Railway applications. Requirements for trackside boards. ERTMS trackside boards

RAE/1/-/7

## EN WI 00256547

Railway applications. Gangway systems. Acoustic measurements

RAE/1/-/2

## EN WI 00256548

Railway applications. Design for PRM use. General requirements. Contrast

RAE/1/-/15

## EN WI 00256549

Railway applications. Design for PRM use. General requirements. Information

RAE/1/-/15

## EN WI 00256550

Railway applications. Design for PRM use. General requirements. Optical and friction characteristics

RAE/1/-/15

## EN WI 00256551

Railway applications. Design for PRM use. Equipment and components onboard rolling stock. Toilets

RAE/1/-/15

## EN WI 00256552

Railway applications. Design for PRM use. Equipment and components onboard rolling stock. Elements for sitting, standing and moving

RAE/1/-/15

## EN WI 00256553

Railway applications. Design for PRM use. Equipment and components onboard rolling stock. Passageways and internal doors

RAE/1/-/15

## EN WI 00256554

Railway applications. Design for PRM use. Accessibility of people with reduced mobility to rolling stock. Steps for egress and access

RAE/1/-/15

## EN WI 00256555

Railway applications. Design for PRM use. Accessibility of people with reduced mobility to rolling stock. Boarding aids

RAE/1/-/15

## EN WI 00256556

Railway applications. Design for PRM use. Requirements for obstacle free routes (infrastructure only)

RAE/1/-/15

## EN WI 00256560

Railway applications. Braking. Eddy current track brake systems

RAE/4

## EN WI 00289138

Leather. Identification of leather with microscopy

TCI/69

## EN WI 00289139

Leather. Physical and mechanical tests. Determination of dimensional shrinkage

TCI/69

## EN 892

Mountaineering equipment. Dynamic mountaineering ropes. Safety requirements and test methods

will supersede BS EN 892:2004

SW/136/5

## EN 933-1

Tests for geometrical properties of aggregates. Determination of particle size distribution. Sieving method

will supersede BS EN 933-1:1997

B/502/6

## EN 933-3

Tests for geometrical properties of aggregates. Determination of particle shape. Flakiness index

will supersede BS EN 933-3:1997

B/502/6

## EN 933-6

Tests for geometrical properties of aggregates. Assessment of surface characteristics. Flow coefficient of aggregates

will supersede BS EN 933-6:2001

B/502/6

## EN 933-8

Tests for geometrical properties of aggregates. Assessment of fines. Sand equivalent test

will supersede BS EN 933-8:1999

B/502/6

## EN 1090-1:2009/A1

Execution of steel structures and aluminium structures. Requirements for conformity assessment of structural components

CB/203

## EN ISO 1628-1:2009/A1

Plastics. Determination of the viscosity of polymers in dilute solution using capillary viscometers. General principles

PRI/21

## EN 1932

External blinds and shutters. Resistance to wind loads. Method of testing

will supersede BS EN 1932:2001

B/538/3

## EN ISO 3059

Non-destructive testing. Penetrant testing and magnetic particle testing. Viewing conditions

will supersede BS EN ISO 3059:2001

WEE/46

**EN ISO 3452-1**

Non-destructive testing. Penetrant testing. General principles

WEE/46

**EN ISO 6873**

Dental gypsum products

will supersede BS EN ISO 6873:2000

CH/106/2

**EN ISO 11699-1**

Non-destructive testing. Industrial radiographic films. Classification of film systems for industrial radiography

WEE/46

**EN ISO 11699-2**

Non-destructive testing. Industrial radiographic films. Control of film processing by means of reference values

WEE/46

**EN 12259-9**

Fixed firefighting systems. Components for sprinkler and water spray systems. Deluge valve assemblies

FSH/18/2

**EN 12259-12**

Fixed firefighting systems. Components for sprinkler and water spray systems. Pumps

FSH/18/2

**EN 13145:2001/A1**

Railway applications. Track. Wood sleepers and bearers

RAE/2

**EN 13231-1**

Railway applications. Track. Acceptance of works. Works on ballasted track. Plain line  
will supersede BS EN 13231-1:2006

RAE/2

**EN 13262**

Railway applications. Wheelsets and bogies. Wheels. Product requirements

will supersede BS EN 13262:2004+A1:2008

RAE/3/-/1

**EN ISO 13287**

Personal protective equipment. Footwear. Test method for slip resistance

will supersede BS EN ISO 13287:2007

PH/1

**EN 13330**

Shutters. Hard body impact. Test method

will supersede BS EN 13330:2002

B/538/3

**EN 13480-3:2002+A4:2010/A5**

Metallic industrial piping. Design and calculation

PVE/10

**EN 13561**

External blinds. Performance requirements including safety

will supersede BS EN 13561:2004+A1:2008

B/538/3

**EN 13659**

Shutters. Performance requirements including safety

will supersede BS EN 13659:2004+A1:2008

B/538/3

**EN 13715**

Railway applications. Wheelsets and bogies. Wheels. Tread profile

will supersede BS EN 13715:2006+A1:2010

RAE/3/-/1

**EN 13979-1**

Railway applications. Wheelsets and bogies. Monobloc wheels. Technical approval procedure. Forged and rolled wheels

will supersede BS EN 13979-1:2003+A1:2009

RAE/3/-/1

**EN ISO 14253-1:1999/A1**

Geometrical product specifications (GPS). Inspection by measurement of workpieces and measuring equipment. Decision rules for proving conformance or non-conformance with specifications

TDW/4

**EN ISO 15012-1**

Health and safety in welding and allied processes. Requirements testing and marking of equipment for air filtration. Testing of the separation efficiency for welding fume

will supersede BS EN ISO 15012-1:2004

WEE/40

**EN 15273-1:2009/A1**

Railway applications. Gauges. General. Common rules for infrastructure and rolling stock

RAE/1/-/12

**EN 15273-2:2009/A1**

Railway applications. Gauges. Rolling stock gauge

RAE/1/-/12

**EN 15273-3:2009/A1**

Railway applications. Gauges. Structure gauges

RAE/1/-/12

**EN 15551**

Railway applications. Railway rolling stock. Buffers

will supersede BS EN 15551:2009+A1:2010

RAE/1/-/13

**EN 15566**

Railway applications. Railway rolling stock. Draw gear and screw coupling

will supersede BS EN 15566:2009+A1:2010

RAE/1/-/13

**EN 15654-1**

Railway applications. Measurement of wheel and axle loads. Interoperable "in-service" rail vehicles

RAE/1/-/8

**EN 15746-1:2010/A1**

Railway applications. Track. Road-rail machines and associated equipment. Technical requirements for running and working

RAE/2

**EN 15746-2:2010/A1**

Railway applications. Track. Road-rail machines and associated equipment. General safety requirements

RAE/2

**EN 15958**

Fertilizers. Extraction of water soluble phosphorus

will supersede DD CEN/TS 15958:2009

CII/37

**EN 15959**

Fertilizers. Determination of extracted phosphorus

will supersede DD CEN/TS 15959:2009

CII/37

**EN 15960**

Fertilizers. Extraction of total calcium, total magnesium, total sodium and total sulfur in the forms of sulfates

will supersede DD CEN/TS 15960:2009

CII/37

**EN 15961**

Fertilizers. Extraction of water-soluble calcium, magnesium, sodium and sulfur (in the forms of sulfates)

will supersede DD CEN/TS 15961:2009

CII/37

**EN 16032**

Fertilizers. Extraction and determination of elemental sulfur

will supersede DD CEN/TS 16032:2010

CII/37

**EN ISO 16177**

Footwear. Resistance to crack initiation and growth. Belt flex method

TCI/69

**EN 16258**

Methodology for calculation, declaration and reporting on energy consumption and GHG emissions in transport services (goods and passengers transport)

SEM/1/-/2

**EN 16260**

Water quality. Visual seabed surveys using remotely operated and towed observation gear for collection of environmental data

EH/3/5

**EN 16261-1**

Pyrotechnic articles. Fireworks category 4. Terminology

CII/47

**EN 16261-2**

Pyrotechnic articles. Fireworks category 4. Requirements

CII/47

**EN 16261-3**

Pyrotechnic articles. Fireworks category 4. Test methods

CII/47

#### EN 16261-4

Pyrotechnic articles. Fireworks category 4. Minimum labelling requirements and end users documentation

CII/47

#### EN 16263-1

Pyrotechnic articles. Other pyrotechnic articles. Terminology

CII/47

#### EN 16263-2

Pyrotechnic articles. Other pyrotechnic articles. Requirements

CII/47

#### EN 16263-3

Pyrotechnic articles. Other pyrotechnic articles. Categories and types

CII/47

#### EN 16263-4

Pyrotechnic articles. Other pyrotechnic articles. Test methods

CII/47

#### EN 16263-5

Pyrotechnic articles. Other pyrotechnic articles. Minimum labelling and end users documentation

CII/47

#### EN 16264

Pyrotechnic articles. Other pyrotechnic articles. Fixing cartridges

CII/47

#### EN 16265

Pyrotechnic articles. Other pyrotechnic articles. Ignition devices

CII/47

#### CEN/TR 16269

Ambient air quality. Guide for the measurement of anions and cations in PM<sub>2.5</sub>

EH/21

#### EN 16270

Automotive fuels. Determination of high-boiling components in petrol. Gas chromatography

PTI/15

#### EN 16271

Value management. Functional expression of the need and functional performance specification. Requirements for expressing and validating the need to be satisfied within the process of purchasing or obtaining a product

DS/1

#### EN ISO 18857-2

Water quality. Determination of selected alkylphenols. Gas chromatographic-mass spectrometric determination of alkylphenols, their ethoxylates and bisphenol A in non-filtered samples following solid-phase extraction and derivatisation

will supersede BS ISO 18857-2:2009

EH/3

#### EN ISO/IEC 19762-1

Information technology. Automatic identification and data capture (AIDC) techniques. Harmonized vocabulary. General terms relating to AIDC

will supersede BS ISO/IEC 19762-1:2005

IST/34

#### EN ISO/IEC 19762-3

Information technology. Automatic identification and data capture (AIDC) techniques. Harmonized vocabulary. Radio frequency identification (RFID)

will supersede BS ISO/IEC 19762-3:2005

IST/34

#### EN ISO 22435:2007/A1

Gas cylinders. Cylinder valves with integrated pressure regulators. Specification and type testing

PVE/3/1

#### EN ISO 25119-1

Tractors and machinery for agriculture and forestry. Safety-related parts of control systems. General principles for design and development

will supersede BS ISO 25119-1:2010

AGE/6

#### EN ISO 25119-2

Tractors and machinery for agriculture and forestry. Safety-related parts of control systems. Concept phase

will supersede BS ISO 25119-2:2010

AGE/6

#### EN ISO 25119-3

Tractors and machinery for agriculture and forestry. Safety-related parts of control systems. Series development, hardware and software

will supersede BS ISO 25119-3:2010

AGE/6

#### EN ISO 25119-4

Tractors and machinery for agriculture and forestry. Safety-related parts of control systems. Production, operation, modification and supporting processes

will supersede BS ISO 25119-4:2010

AGE/6

#### EN 60099-4:2004+A2:2009/F1

Surge arresters. Metal-oxide surge arresters without gaps for A.C. systems

PEL/37

#### EN 60099-4:2004+A2:2009/F2

Surge arresters. Metal-oxide surge arresters without gaps for A.C. systems

PEL/37

#### EN 60309-4:2007/A1

Plugs, socket-outlets and couplers for industrial purposes. Switched socket-outlets and connectors, with or without interlock

PEL/23/4

#### EN 60688

Electrical measuring transducers for converting A.C. electrical quantities to analogue or digital signals

will supersede BS EN 60688:1992

PEL/85

#### EN 60848

GRAFNET specification language for sequential function charts

will supersede BS EN 60848:2002

GEL/3

#### EN 60974-2

Arc welding equipment. Liquid cooling systems

will supersede BS EN 60974-2:2008

WEE/6

#### EN 61169-26

Radio-frequency connectors. Sectional specification for TNCA series RF coaxial connectors

EPL/46

#### EN 61291-4

Optical amplifiers. Multichannel applications. Performance specification template

will supersede BS EN 61291-4:2008

GEL/86/3

#### EN 61331-1

Protective devices against diagnostic medical X-radiation. Determination of attenuation properties of materials

will supersede BS EN 61331-1:2002

CH/62/2

#### EN 61331-2

Protective devices against diagnostic medical X-radiation. Protective glass plates

will supersede BS EN 61331-2:2002

CH/62/2

#### EN 61331-3

Protective devices against diagnostic medical X-radiation. Protective clothing and protective devices for gonads

will supersede BS EN 61331-3:1999

CH/62/2

#### EN 61341

Method of measurement of centre beam intensity and beam angle(s) of reflector lamps

will supersede PD IEC/TR 61341:2010

CPL/34/1

#### EN 61347-2-1:2001/A2

Lamp controlgear. Particular requirements for starting devices (other than glow starters)

CPL/34/3

#### EN 61757-1

Fibre optic sensors. Generic specification

will supersede BS EN 61757-1:1999

GEL/86/3

#### EN 61784-1:2010/A1

Industrial communication networks. Profiles. Fieldbus profiles

PEL/22

#### EN 61786-1

Measurement of DC magnetic fields, AC magnetic and electric fields from 1 Hz to 100 kHz with regard to exposure of human beings. Special requirements for instruments

GEL/106



**EN 62056-5-3**

Electricity metering data exchange the DLMS/COSEM suite. DLMS/COSEM application layer

PEL/13

**EN 62149-7**

Fibre optic active components and devices. Performance standards. 1310 nm discrete vertical cavity surface emitting laser devices

GEL/86/3

**EN 62321-6**

Determination of certain substances in electrotechnical products. Determination of polybrominated biphenyls and polybrominated diphenyl ethers in polymers and electronics by GC-MS, IAMS and HPLC-UV

will partially supersede BS EN 62321:2009

GEL/111

**EN 62321-7-1**

Determination of certain substances in electrotechnical products. Determination of the presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colourimetric method

will partially supersede BS EN 62321:2009

GEL/111

**EN 62321-7-2**

Determination of certain substances in electrotechnical products. Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colourimetric method

will partially supersede BS EN 62321:2009

GEL/111

**EN 62670-1**

Concentrator photovoltaic (CPV) module and assembly performance testing and energy rating. Performance measurements and power rating. Irradiance and temperature

GEL/82

**EN 62675-2**

Secondary cells and batteries containing alkaline or other non acid electrolytes. Portable sealed rechargeable single cells. Nickel-metal hydride

PEL/21/1

**EN 62688**

Concentrator photovoltaic (CPV) module and assembly safety qualification

GEL/82

**EN 62715-6-1**

Flexible display devices. Mechanical stress test methods

EPL/47

**HD 60269-2**

Low-voltage fuses. Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application). Examples of standardized systems of fuses A to J

will supersede BS HD 60269-2:2010, BS 88-2:2010

PEL/32

**ISO 500-1**

Agricultural tractors. Rear-mounted power take-offs. Types 1, 2 and 3. General specifications, safety requirements, dimensions for master shield and clearance zone

will supersede BS ISO 500-1:2004

AGE/6

**ISO 500-3**

Agricultural tractors. Rear-mounted power take-off types 1, 2 and 3. Main PTO dimensions and spline dimensions, location of PTO

will supersede BS ISO 500-3:2004

AGE/6

**ISO 1140**

Fibre ropes. Polyamide. 3-, 4- and 8-strand ropes

will supersede BS EN ISO 1140:2004

TCI/100

**ISO 1141**

Fibre ropes. Polyester. 3-, 4- and 8-strand ropes

will supersede BS EN ISO 1141:2004

TCI/100

**ISO 1346**

Fibre ropes. Polypropylene split film, monofilament and multifilament (PP2) and polypropylene high tenacity (PP3). 3-, 4- & 8-strand ropes

will supersede BS EN ISO 1346:2004

TCI/100

**ISO 3064**

Oil of petitgrain, Paraguayan type (Citrus aurantium L. ssp. aurantium, syn. Citrus aurantium L. ssp. amara var. pumilia)

AW/54

**ISO 3164**

Earth-moving machinery. Laboratory evaluations of protective structures. Specifications for deflection-limiting volume

will supersede BS EN ISO 3164:2008

B/513/1

**ISO 3548-3**

Plain bearings. Thin-walled half bearings with or without flange. Measurement of peripheral length

MCE/12

**ISO 3807-1**

Cylinders for acetylene. Basic requirements. Cylinders without fusible plugs

PVE/3

**ISO 3807-2**

Cylinders for acetylene. Basic requirements. Cylinders with fusible plugs

PVE/3

**ISO 4548-15**

Methods of test for full-flow lubricating oil filters for internal combustion engines. Vibration fatigue test for structural components sensitive to temperature. Resonance dwell

MCE/21/5

**ISO 5838-1**

Implants for surgery. Skeletal pins and wires. Material and mechanical requirements

CH/150/5

**ISO 6621-4**

Internal combustion engines. Piston rings. General specifications

will supersede BS ISO 6621-4:2003

MCE/14/-10

**ISO 6647-1**

Rice. Determination of amylose content. Reference method

will supersede BS EN ISO 6647-1:2007

AW/4

**ISO 6647-2**

Rice. Determination of amylose content. Routine methods

will supersede BS EN ISO 6647-2:2007

AW/4

**ISO 7199:2009/A1**

Cardiovascular implants and artificial organs. Blood-gas exchangers (oxygenators)

CH/150/2

**ISO 8588**

Methods for sensory analysis of food. 'A'-not A' test

will supersede BS 5929-5:1988

AW/12

**ISO 8791-2**

Method for determination of the Bendtsen roughness of paper and board

will supersede BS 4420:1990

PAI/11

**ISO 8828**

Implants for surgery. Guidance on care and handling of orthopaedic implants

CH/150/5

**ISO 9241-391**

Ergonomics of human system interaction. Requirements, analysis and compliance test methods for the reduction of photosensitive seizures

PH/9

**ISO 9712**

Non-destructive testing. Qualification and certification of personnel

WEE/46

**ISO 10286**

Gas cylinders. Terminology

will supersede BS EN ISO 10286:2007

PVE/3

**ISO 10791-1**

Test conditions for machining centres. Geometric tests for machines with horizontal spindle and with accessory heads (horizontal Z-axis)

will supersede BS ISO 10791-1:1998

MTE/1/2

**ISO 10998:2008/A1**

Agricultural tractors. Requirements for steering

AGE/6

## ISO 11665-9

Measurement of radioactivity in the environment. Air. Radon-222. Determination method of the radon exhalation rate of dense building materials

NCE/2

## ISO 11783-1

Tractors and machinery for agriculture and forestry. Serial control and communications data network. General standard for mobile data communication

will supersede BS ISO 11783-1:2007

AGE/6

## ISO 11783-3

Tractors and machinery for agriculture and forestry. Serial control and communications data network. Data link layer

will supersede BS ISO 11783-3:2007

AGE/6

## ISO 11783-10:2009/A1

Tractors and machinery for agriculture and forestry. Serial control and communications data network. Task controller and management information system data interchange

AGE/6

## ISO 12209

Gas cylinders. Outlet connections for gas cylinder valves for compressed breathable air  
will supersede BS EN ISO 12209-1:2001, BS EN ISO 12209-2:2001 and BS EN ISO 12209-3:2001

PVE/3/1

## ISO 12468-2:2005/A1

External fire exposure to roofs. Classification of roofs

FSH/22

## ISO 12891-2

Retrieval and analysis of surgical implants. Analysis of retrieved metallic surgical implants

CH/150

## ISO 12891-3

Retrieval and analysis of surgical implants. Analysis of retrieved polymeric surgical implants

CH/150

## ISO 12891-4

Retrieval and analysis of surgical implants. Analysis of retrieved ceramic surgical implants

CH/150

## ISO 12996

Mechanical joining. Tensile shear testing of single joint specimens. Specimen dimensions and test procedure

WEE/29

## ISO/TR 13195

Selected illustrations of response surface method

MS/6

## ISO/IEC 13249-8

Information technology. Database languages. SQL Multimedia and Application Packages. Metadata Registry Access (MRA)

IST/40

## ISO/TS 13278

Carbon nanotubes. Determination of metal impurities in carbon nanotubes (CNTs) using inductively coupled plasma-mass spectroscopy (ICP-MS)

NTI/1

## ISO/TR 13329

Nanomaterials. Preparation of Material Safety Data Sheet (MSDS)

NTI/1

## ISO 14031

Environmental management. Environmental performance evaluation. Guidelines

will supersede BS EN ISO 14031:2000

SES/1/4

## ISO/TS 14101

Surface characterization of gold nanoparticles for nanomaterial specific toxicity screening. FT-IR method

NTI/1

## ISO 14291

Vacuum technology. Vacuum gauges. Definitions and specifications for quadrupole mass spectrometers

MCE/8/-/4

## ISO 14641-2

Electronic document management. Design and operation of an information system for the preservation of electronic documents. Trusted time stamp

IDT/1/3

## ISO 15366-1

Nuclear energy. Nuclear fuel technology. Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography. Sample containing g range of plutonium and mg range or uranium

NCE/9

## ISO 15366-2

Nuclear energy. Nuclear fuel technology. Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography. Sample containing plutonium and uranium amounts in the nanogram range and below

NCE/9

## ISO/IEC TR 15443-1

Information technology. Security techniques. A framework for IT security assurance. Overview and framework

will supersede PD ISO/IEC TR 15443-1:2005

IST/33

## ISO/IEC TR 15443-2

Information technology. Security techniques. A framework for IT security assurance. Assurance methods

will supersede PD ISO/IEC TR 15443-2:2005

IST/33

## ISO/TS 15640

Hydraulic fluid power contamination control. General principles and guidelines for selection and application of hydraulic filters

MCE/18/-/6

## ISO 15686-3

Buildings and constructed assets. Service life planning. Performance audits and reviews

will supersede BS ISO 15686-3:2002

CB/101

## ISO 16063-16

Methods for the calibration of vibration and shock transducers. Calibration by Earth's gravitation

GME/21/2

## ISO 16077

Ergonomic of the physical environment. A method for assessing perceived indoor air quality using human subject panels

PH/9/-/1

## ISO 16145-1

Ships and marine technology. Protective coatings and inspection method. Dedicated sea water ballast tanks

SME/32/-/8

## ISO 16145-2

Ships and marine technology. Protective coatings and inspection method. Void spaces of bulk carriers and oil tankers

SME/32/-/8

## ISO 16145-3

Ships and marine technology. Protective coatings and inspection method. Cargo oil tanks of crude oil tankers

SME/32/-/8

## ISO/TR 16196

Nanotechnologies. Guidance on sample preparation methods and dosimetry considerations for manufactured nanomaterials

NTI/1

## ISO/TR 16197

Nanotechnologies. Guidance on toxicological screening methods for manufactured nanomaterials

NTI/1

## ISO/TS 16223

Health informatics. Standards convergence to promote EHR interoperability

IST/35

## ISO 16269-6

Statistical interpretation of data. Determination of statistical tolerance intervals

will supersede BS ISO 16269-6:2005

SS/2

## ISO 16411

Tractors and machinery for agriculture and forestry. Slow moving vehicle identification emblem (SMV emblem)

AGE/6

## ISO 16414

Tractors and machinery for agriculture and forestry. Speed Identification Symbol (SIS)

AGE/6

## ISO 16486-1

Plastics piping systems for the supply of gaseous fuels. Polyamide (PA) piping systems with fusion jointing and mechanical jointing. General

PR/88/2

**ISO 16486-2**

Plastics piping systems for the supply of gaseous fuels. Polyamide (PA) piping systems with fusion jointing and mechanical jointing. Pipes

PRI/88/2

**ISO 16486-3**

Plastics piping systems for the supply of gaseous fuels. Polyamide (PA) piping systems with fusion jointing and mechanical jointing. Fittings

PRI/88/2

**ISO 16486-5**

Plastics piping systems for the supply of gaseous fuels. Polyamide (PA) piping systems with fusion jointing and mechanical jointing. Fitness for purpose of the system

will supersede BS ISO 22621-5:2010

PRI/88/2

**ISO 16486-6**

Plastics piping systems for the supply of gaseous fuels. Polyamide (PA) piping systems with fusion jointing and mechanical jointing. Code of practice for design, handling and installation

will supersede BS ISO 22621-6:2010

PRI/88/2

**ISO 16525-1**

Adhesives. Test methods for isotropically electrically conducting adhesives. General test methods

PRI/52

**ISO 16525-2**

Adhesives. Test methods for isotropically electrically conducting adhesives. Electrical characteristics

PRI/52

**ISO 16525-3**

Adhesives. Test methods for isotropically electrically conducting adhesives. Heat transfer properties

PRI/52

**ISO 16531**

Surface chemical analysis. Depth profiling. Guideline of ion beam alignment for depth profiling in Auger electron spectroscopy and X-ray photoelectron spectroscopy

CII/60

**ISO 16550**

Nanoparticles. Determination of muramic acid as a biomarker for silver nanoparticles activity

NTI/1

**ISO 16559**

Solid biofuels. Terminology, definitions and descriptions

PTI/17

**ISO 16620**

Plastics. Determination of the biomass carbon ratio in plastic products and their components

PRI/21

**ISO 16625**

Cranes and hoists. Selection of wire ropes, drums and sheaves

MHE/3/1

**ISO 16693**

Terminology and other language and content resource products. Guidance on related standards and demonstration of conformity

TS/1

**ISO/TR 16705**

Selected illustrations of contingency table analysis

MS/6

**ISO 16727**

Soil quality. Determination of mercury in aqua regia and nitric acid digests. Cold vapour atomic fluorescence spectrometry (CVAFS)

EH/4

**ISO 16729**

Soil quality. Digestion of nitric acid soluble fractions of elements

EH/4

**ISO 16739**

Industry Foundation Classes for AEC/FM data sharing

AMT/4

**ISO 16965**

Soil quality. Determination of trace elements using inductively coupled plasma mass spectrometry (ICP-MS)

EH/4

**ISO/TR 17068**

Information and documentation. Records management. The trusted third party repository for electronic records

IDT/2/17

**ISO 17073**

Soil quality. Determination of trace elements in aqua regia and nitric acid digests. Graphite furnace atomic absorption spectrometry method (GFAAS)

EH/4

**ISO 17420-3**

Respiratory protective devices. Performance requirements. Standardized connector

PH/6

**ISO/IEC 18025:2005/A1**

Information technology. Environmental Data Coding Specification (EDCS)

IST/31

**ISO/IEC 18026**

Information technology. Spatial Reference Model (SRM)

IST/31

**ISO 18589-7**

Measurement of radioactivity in the environment. Soil. Portable in situ gamma spectrometry measurement

NCE/2

**ISO 19101-1**

Geographic information. Reference model. Fundamentals

IST/36

**ISO 19115-1**

Geographic information. Metadata. Fundamentals

IST/36

**ISO 19292**

Ships and marine technology. Point-type resettable flame detectors for ships

SME/32/-/1

**ISO/IEC 19794-2-3/A1**

Information technology. Biometric data interchange formats. Conformance testing methodology

IST/44

**ISO/IEC 19794-7**

Information technology. Biometric data interchange formats. Signature/sign time series data

will supersede BS ISO/IEC 19794-7:2007

IST/44

**ISO/TS 20282-3**

Ease of operation of everyday products. Test method for consumer products

PH/9

**ISO 20773**

Cigarettes. Determination of nicotine-free dry particulate matter and nicotine in sidestream smoke. Method using a routine analytical linear smoking machine equipped with a fishtail chimney

will supersede BS ISO 20773:2007

AW/40

**ISO 20774**

Cigarettes. Determination of carbon monoxide in sidestream smoke. Method using a routine analytical linear smoking machine equipped with a fishtail chimney

will supersede BS ISO 20774:2007

AW/40

**ISO/IEC TR 20943-5**

Information technology. Achieving metadata registry content consistency. Semantic metadata mapping procedure (SMMP)

IST/40

**ISO 20998-2**

Measurement and characterization of particles by acoustic methods. Guidelines for linear theory

LBI/37

**ISO 21044-1**

Manual on stream gauging. Fieldwork

RM/1

**ISO 21044-2**

Manual on stream gauging. Computation of discharge

RM/1

**ISO/TS 22002-4**

Prerequisite programmes on food safety. Primary production. Recommendation on good hygienic practices on farm

AW/90



#### ISO 22398

Societal security. Guidelines for exercising and testing  
SSM/1

#### ISO/TS 24533

Intelligent transport systems. Data dictionary and message set to facilitate the movement of freight and its intermodal transfer. Road transport information exchanges for supply chain freight time-sensitive delivery (Road-Air Freight-Road)  
EPL/278

#### ISO/IEC 24727-2:2008/A1

Identification cards. Integrated circuit card programming interfaces. Generic card interface  
IST/17

#### ISO/IEC 24730-2

Information technology. Real-time locating systems (RTLS). 2.4 GHz air interface protocol  
will supersede BS ISO/IEC 24730-2:2006  
IST/34

#### ISO/IEC 24730-21

Information technology. Real-time locating systems (RTLS). ISO/IEC 24730-2 transmitters operating with a single spread code and employing a DBPSK data encoding and BPSK spreading scheme  
IST/34

#### ISO/IEC 24730-22

Information technology. Real-time locating systems (RTLS). ISO/IEC 24730-2 transmitters operating with multiple spread codes and employing a QPSK data encoding and Walsh offset QPSK (WOQPSK) spreading scheme  
IST/34

#### ISO/IEC 25041

Systems and software engineering. Systems and software Quality Requirements and Evaluation (SQuARE). Evaluation modules  
IST/15

#### ISO/TR 26368

Guidance on containment systems for the prevention of pollution arising from uncontrolled fire water run-off  
FSH/16

#### ISO/TS 26683-1

Intelligent transport systems. Freight land conveyance content identification and communication. Context, architecture and referenced standards  
EPL/278

#### ISO 26683-2

Intelligent transport systems. Freight and conveyance content identification and communication. Application interface profiles  
EPL/278

#### ISO 28057

Radiation protection. Procedure of dosimetry with thermoluminescence detectors for photon and electron radiations in radiotherapy  
NCE/2

#### ISO/IEC TR 29106

Information technology. Generic cabling. Introduction to the MICE environmental classification  
will supersede PD ISO/IEC TR 29106:2007  
IST/6

#### ISO/IEC 33001

Software and systems engineering. Process assessment. Concepts and terminology  
will supersede BS ISO/IEC 15504-1:2004  
IST/15

#### ISO/IEC 33002

Information technology. Process assessment requirements for performing process assessment  
will partially supersede BS ISO/IEC 15504-2:2003 and PD ISO/IEC TR 15504-7:2008  
IST/15

#### ISO/IEC 33003

Software and systems engineering. Requirements for process measurement frameworks  
IST/15

#### ISO/IEC 33004

Software and systems engineering. Requirements for process models  
will partially supersede BS ISO/IEC 15504-2:2003 and PD ISO/IEC TR 15504-7:2008  
IST/15

#### ISO/IEC TR 33014

Software and systems engineering. Guide for process improvement  
IST/15

#### ISO/IEC 33020

Software and systems engineering. Measurement framework for assessment of process capability and organizational maturity  
will partially supersede BS ISO/IEC 15504-2:2003  
IST/15

#### ISO/IEC 40210

W3C SOAP Version 1.2. Messaging Framework (2nd Edition)  
ICT/-/1

#### ISO/IEC 40220

W3C SOAP Version 1.2. Adjuncts (2nd Edition)  
ICT/-/1

#### ISO/IEC 40230

W3C SOAP MTOM (Message Transmission Optimization Mechanism)  
ICT/-/1

#### ISO/IEC 40240

W3C Web Services Addressing 1.0. Core  
ICT/-/1

#### ISO/IEC 40250

W3C Web Services Addressing 1.0. SOAP Binding  
ICT/-/1

#### ISO/IEC 40260

W3C Web Services Addressing 1.0. Metadata  
ICT/-/1

#### ISO/IEC 40270

W3C Web Services Policy 1.5. Framework  
ICT/-/1

#### ISO/IEC 40280

W3C Web Services Policy 1.5. Attachment  
ICT/-/1

#### IEC/TS 62239-1

Process management for avionics. Management plan. Preparation and maintenance of an electronic components management plan  
GEL/107

#### IEC/TS 62668-1

Process management for avionics. Counterfeiting prevention. Guidelines for avoiding the use of counterfeited, fraudulent and recycled electronic components  
GEL/107

#### ISO/IEC TR 90003

Software engineering. Guidelines for the application of ISO 9001:2000 to computer software  
IST/15

### DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – NATIONAL BRITISH STANDARDS

You may now comment on any National British Standard online. BSI British Standards has launched a Draft Review system which allows access to the drafts of all National British Standards. To enhance access of Drafts for Public Comment for the wider community, make comments more visible and move into collaborative working practices, you will now be able to comment on any National British Standard by visiting <http://www.bsigroup.com/drafts>. All you need to do is register. This service is free of charge.

Please note that the only standards available on this service are pure British Standards (National Standards e.g: BS XXXX). European and international documents are not included at this time.

Deadlines for receipt of comments on each of the individual drafts can be found at <http://www.bsigroup.com/drafts>. The deadline for the following drafts is **30 April, 2011** unless otherwise stated.

Should you wish 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).

#### 11/30142900 DC

**BS 1245** Pedestrian doorsets and door frames made from steel sheet. Specification  
B/538/2

**Global Automotive Regulations Updated:  
Supplied by InterRegs [www.interregs.com](http://www.interregs.com)**Belgium

Royal Order of October 10, 1974 - Technical Requirements for Mopeds and Motorcycles - Amended.

ECE

Regulation 4-00 - Illumination of Rear Registration Plates - Amended.

Regulation 6-01 - Direction Indicators - Amended.

Regulation 10-03 - Electromagnetic Compatibility - Amended.

Regulation 23-00 - Reversing Lamps for Power-Driven Vehicles and their Trailers - Amended.

Regulation 38-00 - Rear Fog Lamps for Power-Driven Vehicles and their Trailers - Amended.

Regulation 43-00 - Approval of Safety Glazing Materials - Amended.

Global Technical Regulation No. 2 - Motorcycle Emissions - Amended.

Global Technical Regulation No. 3 - Motorcycle Brake Systems - Amended.

Global Technical Regulation No. 4 - Emissions from Compression-Ignition Engines and Positive-Ignition Engines Fuelled with LPG or CNG - Amended.

EEC

Draft D5 868332 - Approval of Motor Vehicles and their Trailers - Issued.

Draft of December 10, 2010 - Installation of Tyres - Issued.

Draft of December 14, 2010 - Protection of Pedestrians and Other Vulnerable Road Users - Issued.

Regulation 715/2008 - Emissions - Light Duty Vehicles - Amended.

Regulation 19/2011 - Statutory Plate and Vehicle Identification Number - Issued.

Great Britain

S.I. 1999 No. 3107 - Motor Fuel (Composition and Content) Regulations 1999 - Reference EC Directive 98/70/EC - Amended.

Italy

Decree of November 19, 2004 - Type Approval - Reference EC Directive 2003/37/EC and its subsequent amendments - Amended.

Korea

Ordinance No. 247 Implementation Regulations Noise and Vibration Control Act - Amended.

Malta

L.N. 28 of 2003 - Two or Three-Wheel Motor Vehicles (EC Type-Approval) - Amended.

L.N. 99 of 2004 - Waste Management (End of Life Vehicles) - Amended.

L.N. 129 of 2004 - Pedal and Low-Powered Cycles - Amended.

L.N. 123 of 2005 - Type-Approval of Agricultural or Forestry Tractors - Amended.

Mexico

NOM-035-SCT-2-2010 - Trailers and Semi-Trailers - Safety Specifications and Test Methods - Issued.

## Singapore

S 262/1972 - Registration and Licensing of Motor Vehicles (Extracts) – Amended.  
S 171/1981 - Road Traffic Rules (Extracts) – Amended.  
S 291/1999 - Exhaust and Noise Emissions from Motor Vehicles – Amended.  
S 626/2010 - Control of Width and Length of Motor Vehicles – Issued.

## South Africa

No. R. 1080 - Compulsory Specification for Motor Vehicles of Category M<sub>1</sub> - Issued.  
No. R. 1073 - Compulsory Specification for Motor Vehicles of Category N<sub>1</sub> - Issued.

## Spain

Royal Decree No. 2028 - Approval of EEC Directives – Amended.

## Switzerland

VTS – Technical Requirements for Road Vehicles – Amended.

## USA

40 CFR Part 98 – Mandatory Greenhouse Gas Reporting (Extracts) – Amended.  
49 CFR Part 578 – Civil Penalties – Amended.  
40 CFR Part 98 – Change to the Reporting Date for Certain Data Elements Required Under the Mandatory Reporting of Greenhouse Gases Rule - Proposal of 27.12.2010 – Issued.  
40 CFR Part 98 – Extension of Comment Period on Change to the Reporting Date for Certain Data Elements Required Under the Mandatory Reporting of Greenhouse Gases Rule; and Public Hearing and Extension of Comment Period on Call for Information on Inputs to Emission Equations Under the Mandatory Reporting of Greenhouse Gases Rule - Public Hearing Notice and Extension of Public Comment Periods of 19.01.2011 – Issued.  
Request of 22.12.2010 – Passenger Car and Light Truck Average Fuel Economy Standards Request for Product Plan Information – Model Years 2010–2025 – Issued.  
49 CFR Part 575 – Consumer Information Regulations; Fees for Use of Traction Skid Pads - Proposal of 13.01.2011 – Issued.  
49 CFR Parts 567, 591, 592, and 593 – Certification; Importation of Vehicles and Equipment Subject to Federal Safety, Bumper, and Theft Prevention Standards; Registered Importers of Vehicles not Originally Manufactured to Conform to the Federal Motor Vehicle Safety Standards - Proposal of 14.01.2011 – Issued.

## **Off-Highway Construction Equipment Regulations Updated: Supplied by InterRegs [www.interregs.com](http://www.interregs.com)**

### Europe

Draft of December 10, 2010 - Installation of Tyres - Issued.  
Draft of December 14, 2010 - Protection of Pedestrians and Other Vulnerable Road Users - Issued.  
Draft D5 868332 - Type Approval - Issued.  
Regulation (EC) No. 715/2007 - Emissions - Light Duty Vehicles (Euro 5 and 6) - Amended.  
Commission Regulation (EU) No. 19/2011 - Statutory Plate and Vehicle Identification Number - Amended.

# 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 TC	

VEHICLE LEGISLATION WGs (Members attend meetings)	
Battery WG	
Brakes 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	
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 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	

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<ul style="list-style-type: none"> <li>• Compliance with technical standards</li> <li>• Impact of manufacturing environment legislation</li> <li>• General automotive queries</li> </ul>	

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 Administrators.	
Committee membership requests are first submitted to committee members for approval. Please contact us by fax or email. Details are below:	
<a href="mailto:PPVL@smm.co.uk">PPVL@smm.co.uk</a> Fax: 020 79730529	
Thank you	