

Public Policy and Vehicle Legislation Department

Technical Bulletin
Issue 2013 - 08



THE SOCIETY OF
MOTOR MANUFACTURERS
AND TRADERS LIMITED

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ORDERING OF CIRCULARS

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

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

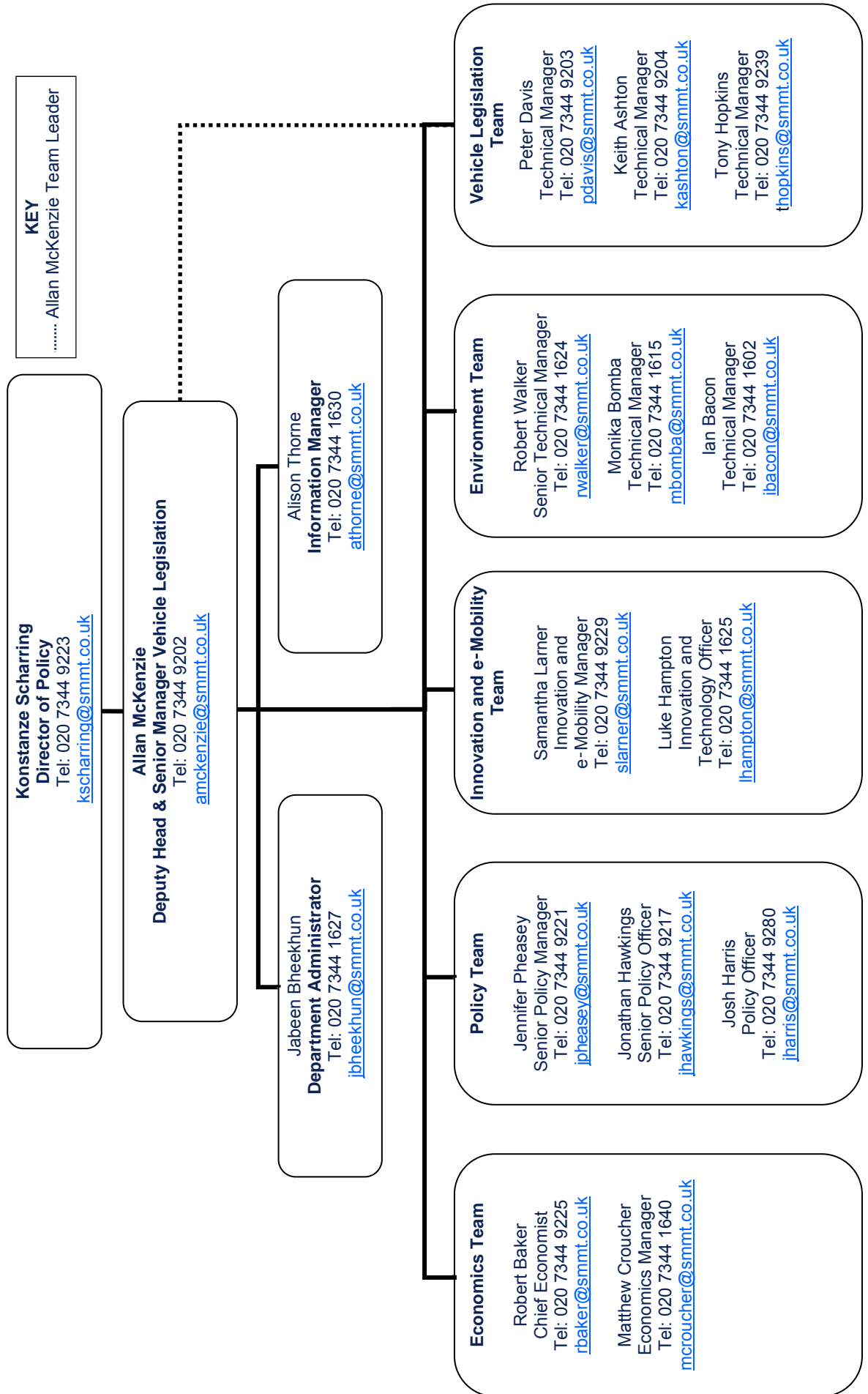
Requests for TECs should be emailed directly to me at: athorne@smmt.co.uk, and I will forward them to you by return of email. We are aware that some email systems may restrict the size of attachments, and the email formatting. If your emails are restricted in any way, please let me know when you request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

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

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

Thank you for your co-operation.

Alison Thorne
Information Manager



SUBJECT COVERAGE

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

Administration

Regulations

Braking, Handling, Wheels and Tyres

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

Certification

Individual Vehicle Approval
Single Vehicle Approval
Testing
Type Approval

Driver and Vehicle Licensing

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

Electrical and Electronics

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

Engines

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

Environment

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

Industrial Standards

Mainly items circulated by BSI
Regulations

ITS

Congestion Charging

Lighting and Signalling

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

Safety and Security

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

Transport Systems

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

MISC.

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

DEFINITIONS OF VEHICLE CATEGORIES

Category M:

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

Category N:

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

Category O:

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

Other Categories:

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

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

Administration

TEC/2013/454

MINUTES FROM THE VIPER MEETING HELD ON 17TH JULY 2013

Category: EFL, M, N, MFR

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

Size: 662 KB

Attached pages: 15

VIPER Minutes from BIS.

TEC/2013/458

REPORT FROM THE CLCCR TECHNICAL COMMITTEE MEETING HELD ON 21ST MARCH 2013

Category: O3, O4, CMP, N

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 137 KB

Attached pages: 9

Report from the meeting.

TEC/2013/470

MUTUAL ACCEPTANCE OF IVA AND NATIONAL SMALL SERIES CERTIFICATION BETWEEN THE UK AND THE REPUBLIC OF IRELAND

Category: M, N, O

Circulation: Bus and Coach TC, Car and Light CV TC, Heavy CV TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Trailer and Bodywork TC, Type Approval IG

Size: 2344 KB

Attached pages: 7

Information on cross border approvals and registration.

TEC/2013/472

DFT CONSULTATION ON THE REPEAL OF THE PASSENGER CAR FUEL CONSUMPTION ORDER 1983

Category: M1

Circulation: Car and Light CV TC, Low Volume Manufacturers Working Group, Type Approval WG (Motor Vehicles)

Size: 93 KB

Attached pages: 11

Request for comments on DFT proposal

TEC/2013/479

95TH OICA GESG (GENERAL SAFETY) 26TH AND 27TH MARCH 2013: DRAFT OICA REPORT

Category: CMP, M, N

Circulation: Bus and Coach TC (Motor Vehicles), Car and Light CV TC, Indirect Vision Devices IG (Motor Vehicles), Low Volume Manufacturers Working Group, Heavy CV TC (Motor Vehicles), Type Approval WG (Motor Vehicles), Vehicle Glazing IG (Motor Vehicles), Gas Engine IG (Motor Vehicles), Light Vehicle Powertrain WG (Motor Vehicles), Sideguards and Rear Underrun IG (Motor Vehicles), Heavy Vehicle Powertrain IG (Motor Vehicles), Passive Safety WG (Motor Vehicles), Vehicle Security and Insurance WG (Motor Vehicles)

Size: 5320 KB

Attached pages: 161

Circulated the draft report from the 95th meeting of GESG.

TEC/2013/480

CLCCR TECHNICAL COMMITTEE MEETING 18TH SEPTEMBER 2013: DRAFT AGENDA

Category: O3, O4, CMP

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 73 KB

Attached pages: 3

Meeting to be held in Turin. SMMT position to be prepared by Trailer and Bodywork TC on 9th September.

TEC/2013/487

69TH UNECE WP.11 (TRANSPORT OF PERISHABLE FOODSTUFFS): DRAFT AGENDA AND DOCUMENTS FOR THE MEETING 8TH - 11TH OCTOBER 2013

Category: CMP, N, O

Circulation: ATP IG

Size: 316 KB

Attached pages: 11

Attached the agenda and advised of the availability of 22 Working and 5 Informal documents. Comments by 25th September.

TEC/2013/490

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 105TH SESSION (8TH - 11TH OCTOBER 2013)

Category: CMP, M, N, O

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

Size: 323 KB

Attached pages: 10

Attached the agenda and advised of the availability of 16 new Working documents and 2 new Informal documents. Comments by 11th September.

TEC/2013/492

OFFICIAL REPORT FROM THE 94TH SESSION OF UNECE WP.15 (TRANSPORT OF DANGEROUS GOODS)

Category: O, N, CMP

Circulation: Dangerous Goods IG

Size: 181 KB

Attached pages: 17

Report from the session available on the UNECE website.

TEC/2013/491

REAR UNDERRUN PROTECTION DEVICES (UNECE REGULATION 58): DRAFT COUNTER PROPOSAL FROM THE VDA (GERMAN INDUSTRY) TO GERMAN MINISTRY PROPOSAL

Category: CMP, M, N, O

Circulation: Sideguards and Rear Underrun IG, Heavy CV TC, Trailer and Bodywork TC, Type Approval WG, Light Trailer and Trailer Equipment Section, Bus and Coach TC, Car and Light CV TC

Size: 359 KB

Attached pages: 10

Circulated a draft counter proposal from the VDA to German Ministry proposal to amend UNECE Regulation 58. Comments by 6th September 2013.

TEC/2013/493

PROPOSAL FOR NEW EUROPEAN REGULATIONS ON PRODUCT SAFETY AND MARKET SURVEILLANCE: BIS CONSULTATION

Category: CMP, M, N, O

Circulation: Aftermarket Section, Automotive Components Section, Policy Co-ordination Committee, Safety Recall WG, Type Approval WG

Size: 227 KB

Attached pages: 2

BIS has published a consultation document seeking views on the Commission's proposals. Comments by 3rd September.

TEC/2013/498

REPORT FROM THE 51ST MEETING OF CEN TC 183/WG2 (REFUSE COLLECTION VEHICLES)

Category: N, CMP

Circulation: Trailer and Bodywork IG

Size: 208 KB

Attached pages: 4

Draft official report from the meeting held on 11th July 2013.

Certification

TEC/2013/470

MUTUAL ACCEPTANCE OF IVA AND NATIONAL SMALL SERIES CERTIFICATION BETWEEN THE UK AND THE REPUBLIC OF IRELAND

Category: M, N, O

Circulation: Bus and Coach TC, Car and Light CV TC, Heavy CV TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Trailer and Bodywork TC, Type Approval IG

Size: 2344 KB

Attached pages: 7

Information on cross border approvals and registration.

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Size: 93 KB

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TEC/2013/479

95TH OICA GESG (GENERAL SAFETY) 26TH AND 27TH MARCH 2013: DRAFT OICA REPORT

Category: CMP, M, N

Circulation: Bus and Coach TC (Motor Vehicles), Car and Light CV TC, Indirect Vision Devices IG (Motor Vehicles), Low Volume Manufacturers Working Group, Heavy CV TC (Motor Vehicles), Type Approval WG (Motor Vehicles), Vehicle Glazing IG (Motor Vehicles), Gas Engine IG (Motor Vehicles), Light Vehicle Powertrain WG (Motor Vehicles), Sideguards and Rear Underrun IG (Motor Vehicles), Heavy Vehicle Powertrain IG (Motor Vehicles), Passive Safety WG (Motor Vehicles), Vehicle Security and Insurance WG (Motor Vehicles)

Size: 5320 KB

Attached pages: 161

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TEC/2013/490

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 105TH SESSION (8TH - 11TH OCTOBER 2013)

Category: CMP, M, N, O

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

Size: 323 KB

Attached pages: 10

Attached the agenda and advised of the availability of 16 new Working documents and 2 new Informal documents. Comments by 11th September.

TEC/2013/493

PROPOSAL FOR NEW EUROPEAN REGULATIONS ON PRODUCT SAFETY AND MARKET SURVEILLANCE: BIS CONSULTATION

Category: CMP, M, N, O

Circulation: Aftermarket Section, Automotive Components Section, Policy Co-ordination Committee, Safety Recall WG, Type Approval WG

Size: 227 KB

Attached pages: 2

BIS has published a consultation document seeking views on the Commission's proposals. Comments by 3rd September.

TEC/2013/497

VCA UPDATE ON GENERAL SAFETY REGULATION (UPDATING SMALL SERIES APPROVALS IN ACCORDANCE WITH REGS 1229/2012 AND 661/2009)

Category: All

Circulation: Low Volume Manufacturers Working Group

Size: 178 KB

Paper from Matt Claydon at VCA regarding the GSR - updating Small Series approvals in accordance with Regulation 1229/2012 and 661/2009.

Engines

TEC/2013/454

MINUTES FROM THE VIPER MEETING HELD ON 17TH JULY 2013

Category: EFL, M, N, MFR

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

Size: 662 KB

Attached pages: 15

VIPER Minutes from BIS.

TEC/2013/490

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 105TH SESSION (8TH - 11TH OCTOBER 2013)

Category: CMP, M, N, O

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

Size: 323 KB

Attached pages: 10

Attached the agenda and advised of the availability of 16 new Working documents and 2 new Informal documents. Comments by 11th September.

Environment

TEC/2013/452

SMMT comments on the LowCVP report 'Air Quality Impacts of Low CO2 technology for buses'

Category: M2, M3

Circulation: Bus and Coach TC

Size: 705 KB

Attached pages: 33

The LowCVP has commissioned a report from Ricardo that reviews the Air Quality Emissions Impacts on Low CO2 Technology for Buses.

TEC/2013/454

MINUTES FROM THE VIPER MEETING HELD ON 17TH JULY 2013

Category: EFL, M, N, MFR

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

Size: 662 KB

Attached pages: 15

VIPER Minutes from BIS.

TEC/2013/462

LAUNCH OF CONSULTATION INTO AMENDMENTS TO THE UK GREENHOUSE GAS EMISSIONS TRADING SCHEME AND NATIONAL EMISSIONS INVENTORY REGULATIONS

Category: None

Circulation: Manufacturing Energy and Trading Schemes WG

Size: 788 KB

Attached pages: 32

The Government has launched today a consultation to seek views on proposed amendments to Regulations implementing the EU Emissions Trading System (EU ETS) in the UK to Regulations requiring the provision of information for the preparation of the National Greenhouse Gas Emissions Inventory.

TEC/2013/463

CO2 & EUETS - 4TH CARBON BUDGET REVIEW: ONE KEY QUESTION TO MEMBERS (CALL FOR EVIDENCE FROM COMMITTEE ON CLIMATE CHANGE)

Category: All

Circulation: Environmental Policy Committee, Policy Co-ordination Committee, Light Vehicle Powertrain IG, Engineering Committee, Heavy Vehicle Powertrain IG, Electric Vehicle WG (members only), Manufacturing Energy and Trading Schemes WG

Size: 628 KB

Attached pages: 17

Review of the statutory targets in the 4th Carbon Budget 2023-27 includes CCC's call for evidence (TEC/2013/410) and a stakeholder workshop (my notes attached). THE KEY QUESTION is whether stability of the target is paramount for investment certainty, or if industry prefers to see the target relaxed now for 2023-27, even if it needs to be tightened again when an EU target for 2030 is adopted?

TEC/2013/474

PERMISSION TO RELEASE OEM AA/RAC DATA TO SUPPORT THE DIESEL FUEL FILTER BLOCKING BSI INVESTIGATION

Category: M, N

Circulation: Fuels IG, Car and Light CV TC, Engineering Committee

Size: 231 KB

Attached pages: 1

Please could you let me know with a Yes or No reply to this technical circular if the AA and RAC can release OEM brand and model data to the SMMT to support the BSI task force which is investigation the route cause of the cold weather diesel fuel filter blocking this winter?

TEC/2013/475

SMMT DRAFT RESPONSE TO ENERGY SAVINGS OPPORTUNITY SCHEME CONSULTATION BY DECC

Category: All

Circulation: Manufacturing Energy and Trading Schemes WG, Manufacturing Environment WG, Environmental Policy Committee

Size: 98 KB

SMMT draft response to DECC consultation on Energy Savings Opportunity Scheme (ESOS). ESOS is planned audit, including provision of energy savings opportunities. Paper covers headline message, questions to members to support that message, response to DECC questions and background to ESOS and timetable. Note ESOS will be discussed at next METS/MEWG meeting on 10 September.

TEC/2013/482

CO2 & EUETS - 4TH CARBON BUDGET REVIEW: SMMT INPUT TO CCC CALL FOR EVIDENCE

Category: All

Circulation: Environmental Policy Committee, Policy Co-ordination Committee, Light Vehicle Powertrain IG, Engineering Committee, Heavy Vehicle Powertrain IG, Electric Vehicle WG (members only), Manufacturing Energy and Trading Schemes WG

Size: 475 KB

Attached pages: 6

SMMT's input to the Committee on Climate Change is attached regarding their call for evidence on the review of the statutory targets in the 4th Carbon Budget 2023-27. Thanks to the members who provided guidance as a result of TECs 410 and 463. Also attached are the official CCC minutes of the stakeholder workshop for information (my notes were attached to TEC/463).

TEC/2013/483

DRAFT ANNOTATED AGENDA FOR THE 56TH MEETING OF THE OICA GROUP OF EXPERTS ON NOISE (GEB) 29-30th AUGUST

Category: N, M

Circulation: Noise IG (Motor Vehicles), Noise WG (Motor Vehicles), Car and Light CV TC, Heavy CV TC (Motor Vehicles), Bus and Coach TC (Motor Vehicles)

Size: 152 KB

Attached pages: 15

Please find attached the draft Agenda of the 56th meeting of the OICA group of experts on noise to be held at the OICA offices.

TEC/2013/484

UNECE WORKING PARTY ON NOISE (GRB) FIFTY-EIGHTH SESSION 2-4 SEPTEMBER 2013 - PROVISIONAL ANNOTATED AGENDA

Category: M, N

Circulation: Noise IG, Noise WG, Electric Vehicle Technical WG (All), Car and Light CV TC, Heavy CV TC, Bus and Coach TC

Size: 324 KB

Attached pages: 24

The Working Party on Noise (GRB) is the subsidiary body of the World Forum for Harmonization of Vehicle Regulations (WP.29) that prepares regulatory proposals on noise to WP.29. This group of experts conducts research and analysis to develop noise requirements for vehicles. GRB convenes officially twice a year and entrusts informal groups with specific problems that need to be solved urgently or that require special expertise.

TEC/2013/489

AIR QUALITY - SMMT PAPERS AND NEXT STEPS FOR COMMENT

Category: M, N

Circulation: Environmental Policy Committee, Engineering Committee

Size: 1987 KB

Seeking EPC comments on four short SMMT papers: Setting the scene - why this is a priority; Euro standards – progress made; Real world vs test cycle performance; WLTP – a description and what it is expected to deliver. London's 2020 ultra low emission zone is the immediate practical focus. Next steps: develop an industry response to the key issues and assess acceptability of policy options.

TEC/2013/494

SHORT SEA TRANSPORT OF DAMAGED/DEFECTIVE CELLS OR BATTERIES- UPDATE

Category: None

Circulation: ELV Battery Recycling Sub-group, Electric Vehicle Technical WG (All)

Size: 111 KB

Attached pages: 2

Further to TEC2013/436, all companies issued by Maritime & Coastguard Agency (MCA) with an exemption approval for short sea journeys of damaged/defective lithium batteries are required to contact the local Maritime authorities of the Member State where the receiving port is located.

TEC/2013/495

CLCCR CO2 SPECIAL WORKING GROUP (SWG) 'BODY AND TRAILER': REVISED REFERENCE SPECIFICATIONS FOR TRAILERS AND BODYWORK

Category: O3, O4, CMP, N2, N3

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 1194 KB

Attached pages: 28

Circulated revised reference specifications for Trailer and Body specifications that are to be sent to the Commission. Comment by Monday 9th September.

TEC/2013/496

NEW CAR CO2 REGULATION - UPDATE ON DEMINIMIS AND DEROGATION

Category: All

Circulation: Low Volume Manufacturers Working Group

Size: 226 KB

Attached pages: 2

Update on New Car CO2 Regulation following discussion with EC Clima (Ieva Saleniece) regarding the derogation for small volume manufacturers and the deminimis level.

Industrial Standards

TEC/2013/457

DRAFT PROPOSAL TO REVISE EN 12642:2006 (SECURING OF CARGO ON ROAD VEHICLES — BODY STRUCTURE OF COMMERCIAL VEHICLES — MINIMUM REQUIREMENTS): COMMENTS FROM BELGIUM

Category: CMP, N, O

Circulation: Load Restraints IG, Trailer and Bodywork IG, Light Trailer and Trailer Equipment Section

Size: 274 KB

Comments from Belgium in response to the draft revision circulated as TEC/2013/338. Comments by 26th August.

TEC/2013/469

PUBLICATION OF EN 12195-1:2010 (LOAD RESTRAINT ASSEMBLIES ON ROAD VEHICLES) INCORPORATING JULY 2013 CORRIGENDUM

Category: N, O, CMP

Circulation: Load Restraints IG

Size: 44 KB

Attached pages: 1

Advised of the availability from BSI of the amended CEN standard on the calculation of securing forces for load restraint assemblies.

TEC/2013/485

BSI DRAFT NATIONAL STANDARD ON FIRST AID KITS IN MOTOR VEHICLES

Category: CMP

Circulation: Aftermarket Section, Bus and Coach IG, Dangerous Goods IG, Motor Industry Safety Group, Taxi IG, Truck IG, Car and Light CV TC

Size: 298 KB

Following on from Tec 2013/351 BSI first draft of its proposed text for a new BSI standard on First Aid Kits in Motor Vehicles issued for comment.

TEC/2013/498

REPORT FROM THE 51ST MEETING OF CEN TC 183/WG2 (REFUSE COLLECTION VEHICLES)

Category: N, CMP

Circulation: Trailer and Bodywork IG

Size: 208 KB

Attached pages: 4

Draft official report from the meeting held on 11th July 2013.

ITS

TEC/2013/446

RADIO REGULATIONS - ACEA TASK FORCE MEETING, JULY 2013

Category: CMP, M, MFR, MTL, O

Circulation: ITS IG (ACEA Subgroup)

Size: 12772 KB

Attached pages: 1056

Minutes of the ACEA TF-RR meeting held 9th July 2013

TEC/2013/476

ECALL - SMMT BRIEFING & POSITION PAPERS

Category: CMP, M, MFR, MTL

Circulation: Ecall Task Force, Electromagnetic Compatibility IG, Passive Safety IG, ITS IG, Engineering Committee (Component and Systems), Engineering Committee (Motor Vehicles), Car and Light CV TC, Heavy CV TC (Motor Vehicles)

Size: 903 KB

Draft versions of SMMT August 2013 briefing/position papers - for comment

TEC/2013/490

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 105TH SESSION (8TH - 11TH OCTOBER 2013)

Category: CMP, M, N, O

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

Size: 323 KB

Attached pages: 10

Attached the agenda and advised of the availability of 16 new Working documents and 2 new Informal documents. Comments by 11th September.

Lighting and Signalling

TEC/2013/478

PROPOSED DRAFT AMENDMENTS TO UNECE REGULATION 48 (INSTALLATION OF LIGHTING DEVICES) AFFECTING TRAILERS AND THEIR BODYWORK

Category: CMP, O

Circulation: Trailer and Bodywork IG (Trailer and Bodywork), Light Trailer and Trailer Equipment Section

Size: 60 KB

Attached pages: 4

Draft proposals to amend UNECE Regulation 48 with regard to the installation of front position lamps, front retro-reflectors, side retro-reflectors and side marker lamps. Comments before 10th September.

Safety and Security

TEC/2013/454

MINUTES FROM THE VIPER MEETING HELD ON 17TH JULY 2013

Category: EFL, M, N, MFR

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

Size: 662 KB

Attached pages: 15

VIPER Minutes from BIS.

TEC/2013/460

PUBLICATION ON THE UNECE WEB SITE OF THE GLOBAL TECHNICAL REGULATION ON HYDROGEN AND FUEL CELL VEHICLES

Category: All

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

Size: 1139 KB

Attached pages: 115

Publication on the UNECE web site of GTR No 13 Global technical regulation on hydrogen and fuel cell vehicles The regulation specifies safety-related performance requirements for hydrogen-fuelled vehicles.

TEC/2013/468

DRAFT TEXT FOR A UNECE REGULATION ON HYDROGEN FUELED VEHICLE FOR SAFETY RELATED PERFORMANCE

Category: All

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

Size: 759 KB

Attached pages: 77

Draft text for a UNECE regulation on hydrogen fuelled vehicles intended to transpose the text of GTR 13 on Hydrogen vehicles into a UNECE regulation.

TEC/2013/469

PUBLICATION OF EN 12195-1:2010 (LOAD RESTRAINT ASSEMBLIES ON ROAD VEHICLES) INCORPORATING JULY 2013 CORRIGENDUM

Category: N, O, CMP

Circulation: Load Restraints IG

Size: 44 KB

Attached pages: 1

Advised of the availability from BSI of the amended CEN standard on the calculation of securing forces for load restraint assemblies.

TEC/2013/471

PUBLICATION OF A NEW UNECE REGULATION NO 129 ON ENHANCED CHILD RESTRAINTS FOR INTEGRAL UNIVERSAL ISOFIX CHILD RESTRAINT SYSTEMS (I-SIZE) FOR CHILD OCCUPANTS OF POWER DRIVEN VEHICLES

Category: All

Circulation: Passive Safety IG, Car and Light CV TC

New CRS regulation that introduces I-Size CRS systems intended to be fitted to vehicles with I-Size seating positions as specified by the vehicle manufacturer.

TEC/2013/477

LIMOUSINE MANUFACTURER FINED OVER EMPLOYEES' DEBILITATING HAND CONDITION

Category: N, O, M

Circulation: Bus and Coach IG, Light Trailer and Trailer Equipment Section, Motor Industry Safety Group, Trailer and Bodywork IG, Truck IG, Vehicle Manufacturers Body Repair WG

Size: 45 KB

Attached pages: 1

Information in a HSE Bulletin on incidents involving workplace transport.

TEC/2013/479

95TH OICA GESG (GENERAL SAFETY) 26TH AND 27TH MARCH 2013: DRAFT OICA REPORT

Category: CMP, M, N

Circulation: Bus and Coach TC (Motor Vehicles), Car and Light CV TC, Indirect Vision Devices IG (Motor Vehicles), Low Volume Manufacturers Working Group, Heavy CV TC (Motor Vehicles), Type Approval WG (Motor Vehicles), Vehicle Glazing IG (Motor Vehicles), Gas Engine IG (Motor Vehicles), Light Vehicle Powertrain WG (Motor Vehicles), Sideguards and Rear Underrun IG (Motor Vehicles), Heavy Vehicle Powertrain IG (Motor Vehicles), Passive Safety WG (Motor Vehicles), Vehicle Security and Insurance WG (Motor Vehicles)

Size: 5320 KB

Attached pages: 161

Circulated the draft report from the 95th meeting of GESG.

TEC/2013/485

BSI DRAFT NATIONAL STANDARD ON FIRST AID KITS IN MOTOR VEHICLES

Category: CMP

Circulation: Aftermarket Section, Bus and Coach IG, Dangerous Goods IG, Motor Industry Safety Group, Taxi IG, Truck IG, Car and Light CV TC

Size: 298 KB

Following on from Tec 2013/351 BSI first draft of its proposed text for a new BSI standard on First Aid Kits in Motor Vehicles issued for comment.

TEC/2013/490

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 105TH SESSION (8TH - 11TH OCTOBER 2013)

Category: CMP, M, N, O

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

Size: 323 KB

Attached pages: 10

Attached the agenda and advised of the availability of 16 new Working documents and 2 new Informal documents. Comments by 11th September.

TEC/2013/491

REAR UNDERRUN PROTECTION DEVICES (UNECE REGULATION 58): DRAFT COUNTER PROPOSAL FROM THE VDA (GERMAN INDUSTRY) TO GERMAN MINISTRY PROPOSAL

Category: CMP, M, N, O

Circulation: Sideguards and Rear Underrun IG, Heavy CV TC, Trailer and Bodywork TC, Type Approval WG, Light Trailer and Trailer Equipment Section, Bus and Coach TC, Car and Light CV TC

Size: 359 KB

Attached pages: 10

Circulated a draft counter proposal from the VDA to German Ministry proposal to amend UNECE Regulation 58. Comments by 6th September 2013.

TEC/2013/493

PROPOSAL FOR NEW EUROPEAN REGULATIONS ON PRODUCT SAFETY AND MARKET SURVEILLANCE: BIS CONSULTATION

Category: CMP, M, N, O

Circulation: Aftermarket Section, Automotive Components Section, Policy Co-ordination Committee, Safety Recall WG, Type Approval WG

Size: 227 KB

Attached pages: 2

BIS has published a consultation document seeking views on the Commission's proposals. Comments by 3rd September.

Transport Systems

TEC/2013/444

PUBLICATION OF REVISED ATP AND ATP HANDBOOK

Category: CMP, N, O

Circulation: ATP IG

Size: 99 KB

Attached pages: 1

Advised of the availability of a revised ATP and ATP Handbook on the UNECE website.

TEC/2013/457

DRAFT PROPOSAL TO REVISE EN 12642:2006 (SECURING OF CARGO ON ROAD VEHICLES — BODY STRUCTURE OF COMMERCIAL VEHICLES — MINIMUM REQUIREMENTS): COMMENTS FROM BELGIUM

Category: CMP, N, O

Circulation: Load Restraints IG, Trailer and Bodywork IG, Light Trailer and Trailer Equipment Section

Size: 274 KB

Comments from Belgium in response to the draft revision circulated as TEC/2013/338. Comments by 26th August.

TEC/2013/458

REPORT FROM THE CLCCR TECHNICAL COMMITTEE MEETING HELD ON 21ST MARCH 2013

Category: O3, O4, CMP, N

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 137 KB

Attached pages: 9

Report from the meeting.

TEC/2013/461

ELECTRIC VEHICLE STANDARDS & NEW WORK ITEMS - FOR VOTING

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

Circulation: Electric Vehicle Charging IG, Electric Vehicle Technical WG (All), Electric and Hybrid Vehicle IG (Motor Vehicles)

Size: 3035 KB

Attached pages: 189

EV standards/NWIPs issued by BSI for voting

TEC/2013/479

95TH OICA GESG (GENERAL SAFETY) 26TH AND 27TH MARCH 2013: DRAFT OICA REPORT

Category: CMP, M, N

Circulation: Bus and Coach TC (Motor Vehicles), Car and Light CV TC, Indirect Vision Devices IG (Motor Vehicles), Low Volume Manufacturers Working Group, Heavy CV TC (Motor Vehicles), Type Approval WG (Motor Vehicles), Vehicle Glazing IG (Motor Vehicles), Gas Engine IG (Motor Vehicles), Light Vehicle Powertrain WG (Motor Vehicles), Sideguards and Rear Underrun IG (Motor Vehicles), Heavy Vehicle Powertrain IG (Motor Vehicles), Passive Safety WG (Motor Vehicles), Vehicle Security and Insurance WG (Motor Vehicles)

Size: 5320 KB

Attached pages: 161

Circulated the draft report from the 95th meeting of GESG.

TEC/2013/487

69TH UNECE WP.11 (TRANSPORT OF PERISHABLE FOODSTUFFS): DRAFT AGENDA AND DOCUMENTS FOR THE MEETING 8TH - 11TH OCTOBER 2013

Category: CMP, N, O

Circulation: ATP IG

Size: 316 KB

Attached pages: 11

Attached the agenda and advised of the availability of 22 Working and 5 Informal documents. Comments by 25th September.

TEC/2013/490

UNECE GRSG (GENERAL SAFETY): DRAFT AGENDA AND WORKING DOCUMENTS FOR THE 105TH SESSION (8TH - 11TH OCTOBER 2013)

Category: CMP, M, N, O

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

Size: 323 KB

Attached pages: 10

Attached the agenda and advised of the availability of 16 new Working documents and 2 new Informal documents. Comments by 11th September.

TEC/2013/492

OFFICIAL REPORT FROM THE 94TH SESSION OF UNECE WP.15 (TRANSPORT OF DANGEROUS GOODS)

Category: O, N, CMP

Circulation: Dangerous Goods IG

Size: 181 KB

Attached pages: 17

Report from the session available on the UNECE website.

TEC/2013/498

REPORT FROM THE 51ST MEETING OF CEN TC 183/WG2 (REFUSE COLLECTION VEHICLES)

Category: N, CMP

Circulation: Trailer and Bodywork IG

Size: 208 KB

Attached pages: 4

Draft official report from the meeting held on 11th July 2013.

VACANCY – TECHNICAL MANAGER, PPVL

OUTLINE OF THE JOB:

- To lead and advise on the technical and regulatory aspects of automotive electrical and electronic functionality, including the electrification of the powertrain, electric vehicle charging (including infrastructure), EMC, ITS and lighting; all at a component, system and vehicle level.
- To represent members' views regarding the above to government, standardisation bodies and other organisations in the UK and internationally.

WHAT THE JOB INVOLVES:

- Degree level, or equivalent, in an associated engineering discipline (or equivalent career experience).
- Practical and ideally managerial experience of electrical / electronic engineering within the Automotive Industry.
- Excellent knowledge and understanding of current / upcoming UK, European and Global engineering standards as they apply to the design and use of vehicle electrical / electronic and lighting systems.
- Excellent knowledge and understanding of current / upcoming UK, EU, UNECE and ITU automotive legislation / regulation covering vehicle electrical / electronic / lighting systems in order to facilitate the provision of guidance on the interpretation of legal requirements.
- Confidence in his / her own knowledge, experience and understanding to be able to command authority in technical and related political discussions.
- An effective and diplomatic communicator at all levels (written, verbal, and presentational), able to exert influence and persuasion in a multi-stakeholder environment.
- Excellent analytical ability and report writing experience.
- Ability to deliver best practice organisational skills relating to the flow of complex information.
- Competent in the use of information and communication technology commensurate with duties and an appreciation of website back offices.
- Good interpersonal skills and the ability to form good working relationships with people of varying backgrounds and levels of understanding of automotive electrical / electronic functionality, lighting and related subjects.
- Ability to operate as a team player and successfully contribute to the goals of the SMMT PPVL Department and the overall SMMT business plan.
- Have a desire for continuous improvement and ability to focus on critical detail and accuracy.
- Possess excellent organisational and business interface skills.
- Highly self motivated and able to work effectively with little supervision.
- Willingness to travel, both inside and outside the UK, to attend meetings and conferences.

POST HOLDER REQUIREMENTS:

- To lead and advise on all matters of vehicle, system and component design, construction and use with regard to electrical / electronic functionality, lighting and related subjects as they apply to SMMT members.
- To manage, and provide secretarial support to, the relevant SMMT Committees / Working Groups.
- To liaise with and support members and SMMT colleagues on all matters related to electrical / electronic functionality, lighting and related subjects.
- To liaise with government, standardisation bodies and other organisations as required.
- To represent SMMT and industry interests in relevant Industry and governmental meetings both inside and outside the UK.
- To prepare Technical Circulars on relevant subjects and to solicit comments and engagement from member companies.
- To prepare consolidated SMMT responses to, and proposals on, relevant matters on behalf of the SMMT membership.
- To provide briefings and support to colleagues at all levels, as required.
- To answer technical and legislative enquiries from industry, the public, and outside organisations in a professional manner.
- To prepare and present reports to senior Technical and other SMMT Committees, attending

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- when necessary.
- To monitor current / future UK and EU legislation, standardisation developments and UNECE / ITU regulations.
 - To provide technical support at trade shows and exhibitions.
 - To undertake other duties as directed.

Prospective candidates should contact Katie Milbourn by 12 September 2013, with a CV and covering letter. Early applications are encouraged as interviews will take place and the position offered before this date if a suitable candidate is found.

Katie Milbourn

Head of Personnel

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VEHICLE LEGISLATION & ENVIRONMENT TEAM MEETINGS

August 2013	Group	Location
22	EVTWG	Great Peter Street
27	NWG	“ ”

SMMT Events

SMMT Open Forum Worcester Rugby Club, Sixways Stadium 18 September 2013

With a focus on government's Automotive Sector Strategy, published in July, SMMT's Open Forum will explore the exact ramifications for UK-based suppliers as well as a host of other issues impacting on the supply chain.

Bringing together around 400 delegates for a day of presentations, knowledge sharing and discussion, the event offers excellent networking opportunities with leading senior figures from the automotive industry. Specific topics and speakers will be announced in due course.

Delegate numbers are strictly limited, and SMMT encourages early registration. Places are allocated on a first come, first served basis. For more details on the seminar programme [click here](#) and to book a place and view ticket prices [click here](#). Any further queries, please contact Claire Balch on cbalch@smmt.co.uk or 020 7344 1636.

SMMT is also offering companies an exclusive opportunity to exhibit at September's Open Forum event. To find out more about purchasing exhibition space, contact Mairi Lucas on supplychain@smmt.co.uk or 020 7344 1647.



SMMT Automotive In-House Lawyers' Seminar Great Peter Street, London 2 October 2013

This is the 10th annual one day Seminar held by SMMT for automotive in-house lawyers. The Seminar, run in

association with Wragge & Co LLP, carries 6 continuing professional development hours and covers current relevant topics including the recently published draft Consumer Rights Bill, Data Protection, the new landscape of insurance regulation (with a speaker from the Financial Conduct Authority) and an Advertising Law update.

The Seminar is free of charge. If any automotive in-house lawyer would like to attend, please contact Claire Balch at cbalch@smmt.co.uk

To view full seminar programme, with details of topics and speakers [click here](#)

Commercial Vehicle Forum 2013 The British Museum, London 22 October 2013

For the second year, the organisers of the Commercial Vehicle Show will hold the CV Forum, an invitation-only discussion and debate forum for senior industry executives, key politicians and media.

Chaired by broadcaster Justin Webb and consisting of two panel discussions, the half-day event will explore examples of world-class business efficiency in the sector and consider how the UK can set the benchmark for the European road transport sector.

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



SMMT Meet the Funder Cranmore Park, Solihull, West Midlands 24 October 2013

For the second time, SMMT will bring together some of the UK's largest financial lenders and automotive supply chain companies at a specialist automotive networking event. Designed to enhance dialogue, strengthen relationships and ramp-up lending in the auto industry, this event will provide opportunities to meet with all of the high street banks along with other financial, non financial and regional support and advice organisations.

This year's event will give you the opportunity to meet various representatives from participating organisations across the sector to discuss available support for

growth and other business opportunities. It will also give you the opportunity to speak to the right people about taking advantage of some of the latest funding and support schemes announced. Download the latest free SMMT Funding and Support guide [here](#).

To register for the 2013 event please [click here](#)



SMMT Annual Dinner Grosvenor House, Park Lane, London 26 November 2013

SMMT's 97th Annual Dinner will be held on Tuesday 26 November 2013 at Grosvenor House, Park Lane, London. The evening will be hosted by SMMT President Tim Abbott, Managing Director, BMW Group UK. The after dinner speaker this year will be Martin Bayfield, who enjoyed a successful international career as one of England's rugby forwards, winning 31 England caps and two Grand Slams. He played in the World Cup in South Africa and represented the British Lions in New Zealand. Martin has become an established member of the BBC commentary team and has presented Crimewatch.

For further information on this event e-mail: annualdinner@smmt.co.uk



The Commercial Vehicle Show NEC, Birmingham 29 April – 1 May 2014

The Commercial Vehicle Show is the primary sourcing and selling opportunity for the entire UK road freight transport and logistics industry, unrivalled in size, product range and visitor attendance. For operators it is the meeting place, attracting over 18,000 high quality visitors with serious buying power.

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



SMMT Member accommodation discount

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

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

For further accommodation details [click here](#)

Industry Events

Total Productive Maintenance Seminar Industry Forum Learning Centre, West Midlands 2 September 2013

This seminar is designed for Senior Management, Functional Managers (eg maintenance, quality, safety) and change agents (eg lean, TPM) who are embarking on TPM implementation within their organisations. The seminar is designed to give delegates an appreciation of the 'Pillar' approach to TPM, demonstrating how it can be used to recognise and reduce losses, delivering sustainable business improvement.

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

LCV2013
Millbrook, Bedfordshire
4 - 5 September 2013

LCV is run by Cenex, the UK's first centre of excellence for low carbon and fuel cell technologies with assistance from Supporting Partners including the Technology Strategy Board, the Department of Business Innovation and Skills, the Office for Low Emission Vehicles, the Society of Motor Manufacturers and Traders and UK Trade & Investment.

LCV is a low and ultra-low carbon vehicle and technology exhibition showcasing innovative R&D from the UK's leading automotive technology companies and universities. With a ride & drive facility where visitors can experience driving, or being driven, in the latest low and ultra-low carbon vehicles. A conference and technical seminar runs parallel covering themes in the development of technology, markets and policy influencing low and ultra-low carbon vehicle research, development, demonstration and deployment. Visitors will have the opportunity to book meetings and interact with UK and international visitors.

This event provides a showcase for UK capabilities, positioning the UK as a leader in LCV technology development and exploitation and to build awareness and confidence to adopt these technologies in vehicles and in fleet operations.

To read full details [click here](#)



Salon Privé
Syon Park, London
4 – 6 September 2013

Now in its eighth consecutive year, Salon Privé is the UK's premier boutique motoring event comprising the British Super Car Show, Chubb Insurance Concours d'Elégance, Chubb Insurance Tour d'Elégance, The Concepts and Prototypes Display, Boodles Ladies' Day, The Hyper Car Collection EFG Private Bank Art and Memorabilia Fayre and a Luxury Brands Village.

It is a hospitality-only event appealing to discerning guests, collectors, buyers, owners and enthusiasts who prefer a more intimate and engaging experience. It is a

presentation of the very finest automotive and luxury brands as well as the rarest and most valuable of classic cars and motorcycles, all of which are beautifully displayed on the lawns of one of the country's most spectacular stately homes.

To read full details [click here](#)



RWM 2013
NEC, Birmingham
10 – 12 September 2013

RWM in partnership with CIWM is Europe's premier event dedicated to resource efficiency and waste management solutions. The event is shaped around the demands of this rapidly growing sector and spans each element of the waste hierarchy.

Free to attend, more than 13,000 key decision makers visit from local councils, various waste producers in the retail, construction, hospitality, public and manufacturing sectors, waste contractors and consultants.

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



The Temperature Controlled Storage and Distribution (TCS&D) Exhibition Peterborough Arena 18 – 19 September 2013

The Temperature Controlled Storage & Distribution (TCS&D) Exhibition (incorporating the Frozen & Chilled Foods Show) will provide you with a unique opportunity to see the very latest innovations in frozen and chilled food production, alongside everything you need for cold chain storage and temperature controlled logistics.

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



Automotive Electronic Systems 2013 University of Warwick, Coventry 24 – 25 Sep 2013

The conference will run over two days. Day one will cover 'vehicle networks and vehicle safety' and day two 'driver information and connected car V2X'. On both days the conference will be supported by a range of exhibition stands.

In addition to the conference, there will be an evening networking dinner.

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



Connected In-Vehicle Infotainment Global Summit 2013 ILEC Conference Centre, London 25 – 26 September 2013

As vehicles increasingly become digital platforms and Internet connectivity becomes ever more ubiquitous, the

automotive industry is confronting unprecedented challenges while being presented with unparalleled opportunities to generate new revenue streams and better understand customer behaviour via data analytics to deliver enriched in-vehicle and ownership experiences.

But what services do customers actually want in their vehicles? How can this be managed with driver distraction? And, ultimately, what business model will enable an acceptable return on investment?

To capitalise on these opportunities, the third edition of the *Connected In-Vehicle Infotainment Global Summit 2013* has been designed as an interactive, OEM-led forum to connect car makers with multi-industry stakeholders to address commercially viable business models, standardisation and infotainment system innovation.

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

Sustainable MotoExpo 2013 National Motor Museum, Beaulieu 28 – 29 September 2013

One of the largest and most varied sustainable and eco-friendly motoring events will take place this year at the internationally renowned National Motor Museum, Beaulieu.

Organised by Eco-Motorsport Ltd, the two-day event will feature a 600m circuit with live electric vehicle (EV) demonstrations. There will be displays of the latest electric and hybrid cycles, cars and motorbikes and an exhibition of companies foremost in the sustainable vehicle industry. In addition, there will be a full programme of seminars and debates about all aspects of e-motor sport and of the development of low carbon and EVs as city transport.

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



Commercial Motor Live 2013 Millbrook, Bedfordshire 2 – 3 October 2013

Following the successful launch of Commercial Motor Live 2012, this year's event aims to build and grow, with exciting new features, more demonstrations, exhibitors, manufacturers and compelling seminars.

Commercial Motor Live offers the unique opportunity to test drive, network and learn about the latest developments and technology.

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



Engineering Design Show Ricoh Arena, Coventry 2 – 3 October 2013

The success of the 2012 Engineering Design Show convinced organiser Findlay Media that an event designed for design engineers merits further expansion, so the 2013 event has tripled in size. Occupying two halls at the arena – a floor space totalling 6,000m² and expecting to attract as many as 250 exhibitors.

The Engineering Design Show with its high level conference, free practical workshops and an exhibition demonstrating and promoting cutting edge technology and innovation from market-leading suppliers, provides UK design engineers with all aspects of engineering design under one roof.

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



Coach and Bus Live 2013 NEC, Birmingham 2 – 3 October 2013

Packed with live action, imaginative feature areas and information rich master class sessions, there's nothing else to match the Coach and Bus Live experience. More relaxed, more engaging and more fun than any other bus and coach exhibition, Coach and Bus Live offers participants the ultimate networking opportunity, bringing together thousands of decision makers with vehicle, product and service suppliers.

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



The Westminster Energy, Environment and Transport Forum Central London 29 October 2013

The Westminster Energy, Environment and Transport Forum aims to provide the premier environment for policymakers in Parliament, Whitehall and government agencies to engage with key stakeholders in timely discussion on public policy relating to energy and transport policy, and the environment. These include businesses operating in the energy, environment and transport sectors, their suppliers and advisors; and representatives of local authorities and interest groups; along with academics, commentators, and members of the reporting press.

In planning its programme of events, the Forum consults parliamentarians, senior departmental officials, regulators, industry representatives and major interest groups.

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

RAC Future Car Challenge Brighton - London 2 November 2013

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

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

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



Regent Street Motor Show London 2 November 2013

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

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

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



Aluminium in Road Transport 2013 Conference Birmingham 5 - 6 November 2013

The conference will embrace all road-based motorised transport, (motorcycles, cars, SUVs, commercial vehicles, and mass transport vehicles) sharing the latest techniques and technologies offered by aluminium.

To read full event details [click here](#) or to [register](#) to attend.

Japan Best Practice Programme 2013 Japan

9 – 16 November 2013

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

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

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

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

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



Automotive Engineering Show 2013 NEC, Birmingham 12 – 13 November 2013

The Automotive Engineering Show 2013, doubling in size from the 2012 show, provides a uniquely tailored showcase of specialist UK and international engineering services, design/production technology and specialist parts and component suppliers supporting the UK's multiple vehicle engineering programmes – from passenger car, performance vehicle, CV, truck, motorcycle, specialist, low carbon vehicle and engine sectors.

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



Autolink Wales 2013 Llandudno, North Wales 14 November 2013

The development of new products and technologies continues to drive the automotive industry. The ever-shifting nature of the global market is complex and unpredictable, with fierce competition around every corner, but the trends to achieve zero emission vehicles, the use of lightweight materials and the increase of electronics and software technologies are the key drivers.

The Technology Exhibition will illustrate how technology transfer can be mutually beneficial for automotive companies, deriving benefit from seeing technologies from automotive suppliers as well as the aerospace, electronics and software sectors as well as academia and motorsport.

The Conference, chaired by Professor Garel Rhys CBE, will inform and update delegates on the progress of the Automotive Council's work on Technology and Supply Chain with presentations from Jerry Hardcastle, Vice President Vehicle Development and Design, Nissan Technical Centre Europe and David Allen, Purchasing Director at Jaguar Land Rover. Additional speakers are to be confirmed.

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

The Skills Show NEC, Birmingham 14 – 16 November 2013

The Skills Show returns for its second year, being held over three days at the NEC Birmingham. Free to attend, the UK's largest skills and careers event inspires young people with exciting opportunities in further education, skills and Apprenticeships.

A highly interactive experience, the show features the opportunity to try bite-size tasters of work-related skills, speak with employers about job and training opportunities, receive specialist advice, hear industry speakers and watch skill performances and competitions – all under one roof!

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



The Future of UK Manufacturing Central London 28 November 2013

This seminar will bring together key stakeholders with policymakers to discuss what more Government can do to support growth and productivity across key manufacturing sectors in the UK. It is scheduled to assess implications arising from the conclusion of Foresight's *The Future of Manufacturing* project later this year, which is expected to set out latest evidence and futures analysis on long-term challenges and risks for UK manufacturing. Bringing together industry representatives from a variety of relevant industries - such as automotive, energy, electronics, pharmaceutical and aerospace - alongside investors, enterprise partnerships, consultants and academics, sessions will focus on how the Foresight project might inform future priorities for Government policy in this area, looking in particular at the challenges ahead for supporting investment, innovation, exports and skills.

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

Future Automotive Body Structures Heritage Motor Centre, Gaydon 3 December 2013

This seminar will explore the latest developments in automobile vehicle body design and light-weighting, and will cover a variety of topics including crash safety, end of life disassembly, recycling and multi-material construction technologies. What are the market and political pressures for smaller lighter vehicles? How can vehicles be designed with end-of-life disassembly and recycling in mind?

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

The Westminster Energy, Environment and Transport Forum Central London 13 February 2014

This forum aims to provide the premier environment for policymakers in Parliament, Whitehall and government agencies to engage with key stakeholders in timely discussion on public policy relating to energy and transport policy and the environment. These include businesses operating in the energy, environment and transport sectors, their suppliers and advisors, and

representatives of local authorities and interest groups, along with academics, commentators and media.

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

MACH 2014 NEC, Birmingham 7 – 11 April 2014

MACH is the showcase for advances in the manufacturing industry brought to you by the Manufacturing Technologies Association (MTA), a UK-based trade association dealing specifically with engineering based manufacturing. It is a biennial exhibition which brings together the best innovations and latest developments from manufacturing technologies sectors.

In 2012 more than 6,000 tonnes of live working machinery were on display, attracting over 21,500 visitors. There is a vibrant seminar programme which runs throughout the week highlighting key developments in the sector and offering advice on how to make the most of them.

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



Motorexpo 2014 Canary Wharf, London 9 – 15 June 2014

Motorexpo returns to Canary Wharf for its 18th annual UK event, transforming London's premier business district with a free-to-visit display of the latest vehicles from many of the world's leading motor manufacturers.

These will be positioned throughout the indoor and outdoor public spaces of the world-class Canary Wharf estate for you to enjoy.

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



International Events and Exhibitions

IAA 65th International Motor Show Frankfurt, Germany 12 – 22 September 2013

Visitors, professionals and journalists will once again be able to experience a large number of world premieres and innovations at the world's largest motor show.

The show in 2011 recorded more exhibitors, more exhibition space, more world premieres and more visitors than the preceding event. This year's focus will again be on fuel-efficient vehicles that also meet increased customer demands in the fields of safety, environment, comfort, quality and design.

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



AIAG Quality Summit 2013 Michigan, USA 16 – 17 September 2013

An unrivalled learning opportunity for automotive OEM's and suppliers from all tiers, attendees at the AIAG Quality Summit will learn the latest in automotive quality management and gather insights from OEM and supplier leaders on emerging risks and issues facing the profession and the industry.

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

Equip Auto Paris, France 16 – 20 October 2013

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

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



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

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

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



EVS27 Barcelona 17 – 20 November 2013

SMMT is organising the UK exhibitor pavilion at EVS27 – the premier global forum for all forms of low carbon vehicle technologies. Located on a prominent central site in the main exhibition hall and featuring an eye-catching design, the pavilion will offer exhibiting companies maximum exposure and footfall at a budget price.

Exhibitor pods are now on sale, and will be allocated on a first-come first-served basis. The inclusive cost of £3,000 per pod covers stand-building, furniture, wi-fi connection, cleaning, and access to the pavilion's

refreshment area and meeting rooms. UKTI grants of £1,500 are available for qualifying companies.

For further information contact Pat Shaw, SMMT International Department, tel: 020 7344 9260, e-mail: pshaw@smmt.co.uk

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

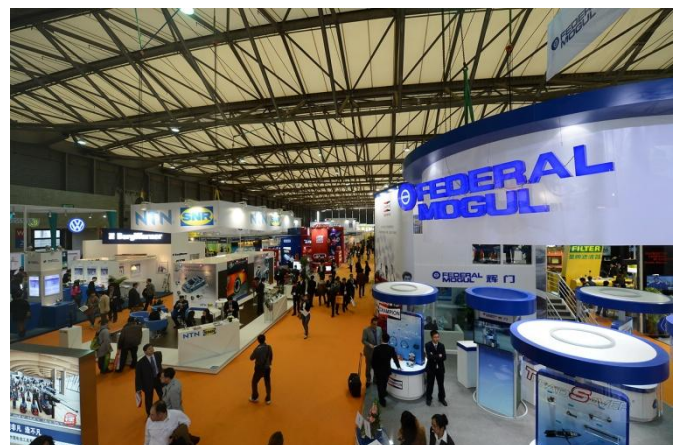


Automechanika Shanghai, China 10 - 13 December 2013

This is the world's second largest Automechanika show for automotive parts, accessories, equipment and services, with the largest one being held in Frankfurt, Germany. For the first time ever, the ninth edition of Automechanika Shanghai will use the entire 17 exhibition halls at the Shanghai New International Expo Centre, offering over 200,000 sqm of exhibition space.

To help exhibitors meet their target customers and market their brands more efficiently, this year's show offers more detailed product categorization. As a result, a new Auto Air-conditioning Zone will be set up in Hall E5 and supported by various industry organisations. In addition, an enhanced "Truck Competence" programme will offer leading commercial vehicle industry players an all-around premium platform. For further information contact: Sarah Thevenet, SMMT International Department, tel: 020 7344 9233, e-mail: sthevenet@smmt.co.uk.

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



BS 3M 45-2:1998
(ISO 3324-2:1998)

Aircraft tyres and rims. Test methods for tyres
ACE/1

Superseded by BS ISO 3324-2:2013

BS M 70:1993
(ISO 6517:1992)

Air cargo equipment. Base-restrained certified
containers exclusively for the lower deck of
high-capacity aircraft

ACE/57

Superseded by BS ISO 6517:2013

BS 2SP 1:1927

Specification for aircraft material. Shackles
ACE/12

Superseded by BS 3SP 1:2013

PAS 003:1994

Non-rewireable 13 A plugs with plastic socket
shutter opening pins

This standard is withdrawn as it is no longer relevant

PAS 900:2010

Code of Practice for Wheelchair Passports

Superseded by BS 8603:2013

BRITISH STANDARDS UNDER REVIEW

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

Comments should be sent to Debbie Stead, Head of Committee Service Centre and International Secretariat, BSI Group, 389 Chiswick High Road, London W4 4AL or via email to BSUKoperations.review@bsigroup.com by **31 October, 2013**, in order to be considered by the relevant UK Committee.

BS 684-1.14:1998
(ISO 15305:1998)

Methods of analysis of fats and fatty oils. Physical methods. Determination of Lovibond colour
AW/307

BS 684-1.17:1998
(ISO 15267:1998)

Methods of analysis of fats and fatty oils. Physical methods. Flashpoint limit test using Pensky-Martens closed-cup flash tester
AW/307

BS 2846-5:1977
(ISO 3494:1976)

Guide to statistical interpretation of data. Power of tests relating to means and variances
SS/2

BS 2846-6:1976
(ISO 3301:1975)

Guide to statistical interpretation of data. Comparison of two means in the case of paired observations
SS/2

BS 3680-3D:1980
(ISO 4369:1979)

Measurement of liquid flow in open channels. Stream flow measurement. Moving-boat method
CPI/113

BS 4325-12:1996
(ISO 10633-1:1995)

Methods for analysis of oilseed residues. Determination of glucosinolates content by high-performance liquid chromatography
AW/307

BS 6001-3:2005

Sampling procedures for inspection by attributes. Specification for skip-lot sampling procedures
SS/5

BS 6001-4:2005
(ISO 2859-5:2005)

Sampling procedures for inspection by attributes. System of sequential sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection
SS/5

BS 6169-1:1981
(ISO 2714:1980)

Methods for volumetric measurement of liquid hydrocarbons. Displacement meter systems (other than dispensing pumps)
PTI/12

BS 6215-2:1981
(ISO 6541:1981)

Methods of test for agricultural food products. Determination of crude fibre content (modified Scharrer method)
AW/10

BS 7857-3:1997
(ISO 13722:1996)

Methods for microbiological examination of meat and meat products. Enumeration of *Brochothrix thermosphacta*. Colony-count technique
AW/9

BS EN ISO 385:2005

Laboratory glassware. Burettes
LBI/12

BS EN 520:2004+A1:2009

Gypsum plasterboards. Definitions, requirements and test methods
B/544

BS EN ISO 661:2005

Animal and vegetable fats and oils. Preparation of test sample
AW/307

BS EN ISO 1107:2003

Fishing nets. Netting. Basic terms and definitions
TCI/77

BS EN ISO 1530:2003

Fishing nets. Description and designation of knotted netting
TCI/77

BS EN ISO 2162-1:1996
(BS 308-1.17:1996)

Technical product documentation. Springs. Simplified representation
TDW/4

BS EN ISO 2203:1997
(BS 308-1.16:1997)

Technical drawing. Conventional representation of gears
TDW/4

BS EN ISO 3823-2:2003+A1:2008

Dentistry. Rotary bur instruments. Finishing burs
CH/106/4

BS EN ISO 3952-1:1995

Kinematic diagrams. Graphical symbols. Part 1
TDW/4

BS EN ISO 3952-2:1995

Kinematic diagrams. Graphical symbols. Part 2
TDW/4

BS EN ISO 3952-3:1995

Kinematic diagrams. Graphical symbols. Part 3
TDW/4

BS EN ISO 3952-4:1997

Kinematic diagrams. Graphical symbols. Miscellaneous mechanisms and their components
TDW/4

BS EN ISO 4263-1:2004

Petroleum and related products. Determination of the ageing behaviour of inhibited oils and fluids. TOST test. Procedure for mineral oils
PTI/13

BS EN ISO 4263-2:2003

Petroleum and related products. Determination of the ageing behaviour of inhibited oils and fluids. TOST test. Procedure for category HFC hydraulic fluids
MCE/18

BS EN ISO 4788:2005

Laboratory glassware. Graduated measuring cylinders
LBI/12

Update Standards September 2013

Prices may be subject to change.

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BS EN ISO 5167-1:2003

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. General principles and requirements
CPI/30/2

BS EN ISO 5167-2:2003

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Orifice plates
CPI/30/2

BS EN ISO 5167-3:2003

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Nozzles and Venturi nozzles
CPI/30/2

BS EN ISO 5167-4:2003

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Venturi tubes
CPI/30/2

BS EN ISO 5269-1:2005

Pulps. Preparation of laboratory sheets for physical testing. Conventional sheet-former method
PAI/11

BS EN ISO 6145-4:2008

Gas analysis. Preparation of calibration gas mixtures using dynamic volumetric methods. Continuous syringe injection method
PTI/15

BS EN ISO 6410-1:1996

(BS 308-1.10:1996)
Technical drawings. Screw threads and threaded parts. General conventions
TDW/4

BS EN ISO 6410-2:1996

(BS 308-1.11:1996)
Technical drawings. Screw threads and threaded parts. Screw thread inserts
TDW/4

BS EN ISO 6410-3:1996

(BS 308-1.20:1996)
Technical drawings. Screw threads and threaded parts. Simplified representation
TDW/4

BS EN ISO 6411:1997

(BS 308-1.23:1997)
Technical drawings. Simplified representation of centre holes
TDW/4

BS EN ISO 6413:1995

(BS 308-1.9:1995)
Technical drawings. Representation of splines and serrations
TDW/4

BS EN ISO 6414:1995

Technical drawings for glassware
LBI/1/2

BS EN ISO 6888-3:2003

Microbiology of food and animal feeding stuffs. Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species). Detections and MPN technique for low numbers
AW/9

BS EN ISO 7438:2005

Metallic materials. Bend test
ISE/NFE/4/2

BS EN ISO 7547:2004

Ships and marine technology. Air-conditioning and ventilation of accommodation spaces. Design conditions and basis of calculations
SME/32/-/3

BS EN ISO 8491:2004

Metallic materials. Tube (in full section). Bend test
ISE/NFE/4/2

BS EN ISO 8493:2004

Metallic materials. Tube. Drift-expanding test
ISE/NFE/4/2

BS EN ISO 8826-1:1995

(BS 308-1.12:1995)
Technical drawings. Roller bearings. General simplified representation
TDW/4

BS EN ISO 8826-2:1997

(BS 308-1.13:1997)
Technical drawings. Roller bearings. Detailed simplified representation
TDW/4

BS EN ISO 8872:2003

Aluminium caps for transfusion, infusion and injection bottles. General requirements and test methods
CH/212

BS EN ISO 9015-2:2011

Destructive tests on welds in metallic materials. Hardness testing. Microhardness testing of welded joints
WEE/-/1

BS EN ISO 9018:2003

Destructive tests on welds in metallic materials. Tensile test on cruciform and lapped joints
WEE/2

BS EN ISO 9100-1:2005

Glass containers. Vacuum lug finishes. General
PKW/0/-/7

BS EN ISO 9100-5:2005

Glass containers. Vacuum lug finishes. 43 and 48 regular
PKW/0/-/7

BS EN ISO 9100-7:2005

Glass containers. Vacuum lug finishes. 58 deep
PKW/0/-/7

BS EN ISO 9100-10:2005

Glass containers. Vacuum lug finishes. 77 regular
PKW/0/-/7

BS EN ISO 9100-11:2005

Glass containers. Vacuum lug finishes. 82 regular
PKW/0/-/7

BS EN ISO 9100-12:2005

Glass containers. Vacuum lug finishes. 89 regular
PKW/0/-/7

BS EN ISO 9100-13:2005

Glass containers. Vacuum lug finishes. 100 regular
PKW/0/-/7

BS EN ISO 9100-14:2005

Glass containers. Vacuum lug finishes. 110 regular
PKW/0/-/7

BS EN ISO 9222-1:1995

(BS 308-1.14:1995)
Technical drawings. Seals for dynamic application. General simplified representation
TDW/4

BS EN ISO 9222-2:1995

(BS 308-1.15:1995)
Technical drawings. Seals for dynamic application. Detailed simplified representation
TDW/4

BS EN ISO 9241-5:1999

Ergonomic requirements for office work with visual display terminals (VDTs). Workstation layout and postural requirements
PH/9

BS EN ISO 9241-12:1999

Ergonomic requirements for office work with visual display terminals (VDTs). Presentation of information
PH/9

BS EN ISO 9241-13:1999

Ergonomic requirements for office work with visual display terminals (VDTs). User guidance
PH/9

BS EN ISO 9454-2:2001

Soft soldering fluxes. Classification and requirements. Performance requirements
NFE/27/4

BS EN ISO 9455-2:1996

Soft soldering fluxes. Test methods. Determination of non-volatile matter, ebulliometric method
NFE/27

BS EN ISO 9455-9:1996

Soft soldering fluxes. Test methods.
Determination of ammonia content
NFE/27

BS EN ISO 9862:2005

Geosynthetics. Sampling and preparation of test specimens
B/553

BS EN ISO 9864:2005

Geosynthetics. Test method for the determination of mass per unit area of geotextiles and geotextile-related products
B/553

BS EN ISO 10012:2003

Measurement management systems.
Requirements for measurement processes and measuring equipment
QS/1

BS EN ISO 10442:2002

Petroleum, chemical and gas service industries.
Packaged, integrally geared centrifugal air compressors
MCE/8

BS EN ISO 10565:1998

(BS 4289-11:1998)

Oilseeds. Simultaneous determination of oil and water contents. Methods using pulsed nuclear magnetic resonance spectrometry
AW/307

BS EN ISO 10591:2005

Building construction. Sealants. Determination of adhesion/cohesion properties of sealants after immersion in water
B/547

BS EN ISO 10821:2005+A1:2009

Industrial sewing machines. Safety requirements for sewing machines, units and systems
TCI/33

BS EN ISO 10993-18:2009

Biological evaluation of medical devices.
Chemical characterization of materials
CH/194

BS EN ISO 11064-6:2005

Ergonomic design of control centres.
Environmental requirements for control centres
PH/9

BS EN ISO 11199-2:2005

Walking aids manipulated by both arms.
Requirements and test methods. Rollators
CH/173

BS EN ISO 11432:2005

Building construction. Sealants. Determination of resistance to compression
B/547

BS EN ISO 12224-3:2003

Solder wire, solid and flux cored. Specification and test methods. Wetting balance test method for flux core solder wire efficacy
NFE/27/4

BS EN ISO 12957-1:2005

Geotextiles. Determination of friction characteristics. Direct shear test
B/553

BS EN ISO 12957-2:2005

Geotextiles. Determination of friction characteristics. Inclined plane test
B/553

BS EN ISO 13279-1:2008

Gypsum binders and gypsum plasters.
Definitions and requirements
B/544

BS EN ISO 13426-1:2003

Geotextiles and geotextile-related products.
Strength of internal structural junctions.
Geocells
B/553

BS EN ISO 13428:2005

Geosynthetics. Determination of the protection efficiency of a geosynthetic against impact damage
B/553

BS EN ISO 13631:2002

Petroleum and natural gas industries. Packaged reciprocating gas compressors
MCE/8

BS EN ISO 13658-1:2005

Metal lath and beads. Definitions, requirements and test methods. Internal plastering
B/544

BS EN ISO 13658-2:2005

Metal lath and beads. Definitions, requirements and test methods. External rendering
B/544

BS EN ISO 13787:2003

Thermal insulation products for building equipment and industrial installations.
Determination of declared thermal conductivity
B/540

BS EN ISO 13884:2005

Animal and vegetable fats and oils.
Determination of isolated trans isomers by infrared spectrometry
AW/307

BS EN ISO 13897:2004

Dentistry. Amalgam capsules
CH/106/4

BS EN ISO 14209:2005

Preformed plasterboard cornices. Definitions, requirements and test methods
B/544

BS EN 14332:2004

Foodstuffs. Determination of trace elements.
Determination of arsenic in seafood by graphite furnace atomic absorption spectrometry (GFAAS) after microwave digestion
AW/275

BS EN 14353:2007+A1:2010

Metal beads and feature profiles for use with gypsum plasterboards. Definitions, requirements and test methods
B/544

BS EN ISO 14438:2002

Glass in building. Determination of energy balance value. Calculation method
B/520/4

BS EN 14496:2005

Gypsum based adhesives for thermal/acoustic insulation composite panels and plasterboards. Definitions, requirements and test methods
B/544

BS EN 14546:2005

Foodstuffs. Determination of trace elements.
Determination of total arsenic by hydride generation atomic absorption spectrometry (HGAAS) after dry ashing
AW/275

BS EN 14566:2008+A1:2009

Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods
B/544

BS EN 14627:2005

Foodstuffs. Determination of trace elements.
Determination of total arsenic and selenium by hydride generation atomic absorption spectrometry (HGAAS) after pressure digestion
AW/275

BS EN ISO 15148:2002

Hygrothermal performance of building materials and products. Determination of water absorption coefficient by partial immersion
B/540

BS EN ISO 15186-2:2010

Acoustics. Measurement of sound insulation in buildings and of building elements using sound intensity. Field measurements
EH/1/6

BS EN 15268:2008

Petrol filling stations. Safety requirements for the construction of submersible pump assemblies
PVE/393/1

BS EN 15283-1:2008+A1:2009

Gypsum boards with fibrous reinforcement. Definitions, requirements and test methods.
Gypsum boards with mat reinforcement
B/544

BS EN 15283-2:2008+A1:2009

Gypsum boards with fibrous reinforcement. Definitions, requirements and test methods. Gypsum fibre boards
B/544

BS EN ISO 15493:2003

Plastics piping systems for industrial applications. Acrylonitrile-butadiene-styrene (ABS), unplasticized poly (vinyl chloride) (PVC-U) and chlorinated poly (vinyl chloride) (PVC-C). Specifications for components and the system. Metric series
PRI/88/2

BS EN ISO 15610:2003

Specification and qualification of welding procedures for metallic materials. Qualification based on tested welding consumables
WEE/36

BS EN ISO 15614-2:2005

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Arc welding of aluminium and its alloys
WEE/36

BS EN ISO 15614-4:2005

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Finishing welding of aluminium castings
WEE/36

BS EN ISO 15614-10:2005

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Hyperbaric dry welding
WEE/21/7

BS EN ISO 15785:2002

Technical drawings. Symbolic presentation and indication of adhesive fold and pressed joints
TDW/4

BS EN ISO 15788-2:2004

Animal and vegetable fats and oils. Determination of stigmastadienes in vegetable oils. Method using high-performance liquid chromatography (HPLC)
AW/307

BS EN ISO 15996:2005+A1:2007

Gas cylinders. Residual pressure valves. General requirements and type testing
PVE/3/1

BS EN ISO 16000-1:2006

Indoor air. General aspects of sampling strategy
EH/2/3

BS EN ISO 16000-2:2006

Indoor air. Sampling strategy for formaldehyde
EH/2/3

BS EN ISO 16017-2:2003

Indoor, ambient and workplace air. Sampling and analysis of volatile organic compounds by sorbent tube/thermal desorption/capillary gas chromatography. Diffusive sampling
EH/2/3

BS EN ISO 16035:2005

Animal and vegetable fats and oils. Determination of low-boiling halogenated hydrocarbons in edible oils
AW/307

BS EN ISO 16103:2005

Packaging. Transport packages for dangerous goods. Recycled plastics material
PKW/0/4

BS EN ISO 16104:2003

Packaging. Transport packaging for dangerous goods. Test methods
PKW/0/4

**BS EN ISO 16588:2003+A1:2005
(BS 6068-2.82:2003)**

Water quality. Determination of six complexing agents. Gas-chromatographic method
EH/3/2

BS EN ISO 16663-2:2003

Fishing nets. Method of test for the determination of mesh size. Length of mesh
TCI/77

BS EN ISO 17637:2011

Non-destructive testing of welds. Visual testing of fusion-welded joints
WEE/46

BS EN ISO 17638:2009

Non-destructive testing of welds. Magnetic particle testing
WEE/46

BS EN ISO 17641-2:2005

Destructive tests on welds in metallic materials. Hot cracking tests for weldments. Arc welding processes. Self-restraint tests
WEE/2

BS EN ISO 17652-1:2003

Welding. Test for shop primers in relation to welding and allied processes. General requirements
WEE/42

BS EN ISO 17652-2:2003

Welding. Test for shop primers in relation to welding and allied processes. Welding properties of shop primers
WEE/42

BS EN ISO 17652-3:2003

Welding. Test for shop primers in relation to welding and allied processes. Thermal cutting
WEE/42

BS EN ISO 17652-4:2003

Welding. Test for shop primers in relation to welding and allied processes. Emission of fumes and gases
WEE/42

BS EN ISO 17662:2005

Welding. Calibration, verification and validation of equipment used for welding, including ancillary activities
WEE/6

BS EN ISO 17707:2005

Footwear. Test methods for outsoles. Flex resistance
TCI/69

BS EN ISO 18395:2007

Animal and vegetable fats and oils. Determination of monoacylglycerols, diacylglycerols, triacylglycerols and glycerol by high-performance size-exclusion chromatography (HPSEC)
AW/307

BS EN ISO 19019:2005

Sea-going vessels and marine technology. Instructions for planning, carrying out and reporting sea trials
SME/32

BS EN ISO 19107:2005

Geographic information. Spatial schema
IST/36

BS EN ISO 19952:2006

Footwear. Vocabulary
TCI/69

BS EN ISO 20127:2005

Dentistry. Powered toothbrushes. General requirements and test methods
CH/106/7

BS EN ISO 20643:2008+A1:2012

Mechanical vibration. Hand-held and hand-guided machinery. Principles for evaluation of vibration emission
MCE/8/-/2

BS EN ISO 21533:2003

Dentistry. Reusable cartridge syringes intended for intraligamentary injections
CH/106/4

BS EN ISO 22174:2005

Microbiology of food and animal feeding stuffs. Polymerase chain reaction (PCR) for the detection of food-borne pathogens. General requirements and definitions
AW/9

BS EN 24496:1993

(ISO 4496:1978)

Metallic powders. Determination of acid insoluble content in iron, copper, tin and bronze powders
ISE/65

BS EN 24497:1993

(ISO 4497:1983)

Metallic powders. Determination of particle size by dry sieving
ISE/65

BS EN 27201-1:1994

(ISO 7201-1:1989)

Fire protection. Fire extinguishing media. Halogenated hydrocarbons. Specifications for halon 1211 and halon 1301
FSH/18/6

BS EN 27201-2:1994

(ISO 7201-2:1991)

Fire protection. Fire extinguishing media.
Halogenated hydrocarbons. Code of practice for
safe handling and transfer procedures
FSH/18/6

BS ISO 128-25:1999

Technical drawings. General principles of
presentation. Lines on shipbuilding drawings
TDW/4

BS ISO 128-44:2001

Technical drawings. General principles of
presentation. Sections on mechanical
engineering drawings
TDW/4

DD ISO/TS 128-71:2010

Technical product documentation (TPD).
General principles of presentation. Simplified
representation for mechanical engineering
drawings
TDW/4

BS ISO 500-2:2004

Agricultural tractors. Rear-mounted power
take-off types 1, 2 and 3. Narrow-track tractors,
dimensions for master shield and clearance
zone
AGE/6

BS ISO 727-2:2005

Fittings made from unplasticized poly(vinyl
chloride) (PVC-U), chlorinated poly(vinyl
chloride) (PVC-C) or
acrylonitrile/butadiene/styrene (ABS) with plain
sockets for pipes under pressure. Inch-based
series
PRI/88/2

BS ISO 1641-1:2003

End mills and slot drills. Milling cutters with
cylindrical shanks
MTE/18

BS ISO 3160-2:2003

Watch-cases and accessories. Gold alloy
coverings. Determination of fineness, thickness,
corrosion resistance and adhesion
STI/53

BS ISO 3875:2004

Machine tools. Test conditions for external
cylindrical centreless grinding machines. Testing
of the accuracy
MTE/1

BS ISO 4365:2005

Liquid flow in open channels. Sediment in
streams and canals. Determination of
concentration, particle size distribution and
relative density
CPW/113

BS ISO 5007:2003

Agricultural wheeled tractors. Operator's seat.
Laboratory measurement of transmitted
vibration
AGE/6

BS ISO 5692-1:2004

Agricultural vehicles. Mechanical connections
on towed vehicles. Dimensions for hitch-rings
AGE/6

BS ISO 6489-2:2002

Agricultural vehicles. Mechanical connections
between towed and towing vehicles.
Specifications for clevis coupling 40
AGE/6

BS ISO 6489-4:2004

Agricultural vehicles. Mechanical connections
between towed and towing vehicles.
Dimensions of piton-type coupling
AGE/6

BS ISO 6743-9:2003

Lubricants, industrial oils and related products
(class L). Classification. Family X (Greases)
PTI/7

BS ISO 6746-1:2003

(BS 6914-2:2003)

Earth-moving machinery. Definitions of
dimensions and codes. Base machine
B/513/1

BS ISO 6746-2:2003

(BS 6914-3:2003)

Earth-moving machinery. Definitions of
dimensions and codes. Equipment and
attachments
B/513/1

BS ISO/IEC 7064:2003

Information technology. Security techniques.
Check character systems
IST/33

BS ISO 7251:2005

Microbiology of food and animal feeding stuffs.
Horizontal method for the detection and
enumeration of presumptive *Escherichia coli*.
Most probable number technique
AW/9

BS ISO 7305:1998

Milled cereal products. Determination of fat
acidity
AW/4

BS ISO 7372:2005

Trade data interchange. Trade data elements
directory
ICT/-/4

BS ISO 7967-4:2005

Reciprocating internal combustion engines.
Vocabulary of components and systems.
Pressure charging and air/exhaust gas ducting
systems
MCE/14/-/5

BS ISO 7967-6:2005

Reciprocating internal combustion engines.
Vocabulary of components and systems.
Lubricating systems
MCE/14/-/5

BS ISO 7967-7:2005

Reciprocating internal combustion engines.
Vocabulary of components and systems.
Governing systems
MCE/14/-/5

BS ISO 8020:2002

Tools for pressing. Punches with cylindrical head
and straight or reduced shank
MTE/12

BS ISO 8528-1:2005

Reciprocating internal combustion engine
driven alternating current generating sets.
Application, ratings and performance
MCE/14/-/8

BS ISO 8528-2:2005

Reciprocating internal combustion engine
driven alternating current generating sets.
Engines
MCE/14/-/8

BS ISO 8528-4:2005

Reciprocating internal combustion engine
driven alternating current generating sets.
Controlgear and switchgear
MCE/14/-/8

BS ISO 8528-6:2005

Reciprocating internal combustion engine
driven alternating current generating sets. Test
methods
MCE/14/-/8

BS ISO 8573-6:2003

Compressed air. Test methods for gaseous
contaminant content
MCE/8

BS ISO 8573-7:2003

Compressed air. Test method for viable
microbiological contaminant content
MCE/8

BS ISO 8664:2005+A1:2010

Tyres for agricultural tractors and machines.
Code-designated and service-description
marked radial drive-wheel tyres
AUE/4

BS ISO 8977:2003

Tools for pressing. Matrixes
MTE/12

BS ISO 9926-3:2005

Cranes. Training of drivers. Tower cranes
MHE/3

BS ISO 10072:2004

Tools for moulding. Sprue bushes. Dimensions
MTE/12

BS ISO 10540-1:2003

Animal and vegetable fats and oils.
Determination of phosphorus content.
Colorimetric method
AW/307

BS ISO 10540-2:2003

Animal and vegetable fats and oils. Determination of phosphorus content. Method using graphite furnace atomic absorption spectrometry
AW/307

DD ISO/TS 10993-19:2006

Biological evaluation of medical devices. Physico-chemical, morphological and topographical characterization of materials
CH/194

DD ISO/TS 10993-20:2006

Biological evaluation of medical devices. Principles and methods for immunotoxicology testing of medical devices
CH/194

BS ISO 11418-2:2005

Containers and accessories for pharmaceutical preparations. Screw-neck glass bottles for syrups
CH/212

BS ISO 11418-3:2005

Containers and accessories for pharmaceutical preparations. Screw-neck glass bottles (veral) for solid and liquid dosage forms
CH/212

BS ISO 11418-4:2005

Containers and accessories for pharmaceutical preparations. Tablet glass bottles
CH/212

BS ISO 11556:2005

Paper and board. Determination of curl using a single vertically suspended test piece
PAI/11

BS ISO 11568-1:2005

Banking. Key management (retail). Principles
IST/12

BS ISO 11648-1:2003

Statistical aspects of sampling from bulk materials. General principles
SS/3

BS ISO 11900-3:2004

Tools for pressing. Ball-lock punch retainers. Type E, reduced for heavy duty
MTE/12

BS ISO 11901-2:2004

Tools for pressing. Gas springs. Specification of accessories
MTE/12

BS ISO 13344:2004

Estimation of the lethal toxic potency of fire effluents
FSH/16

BS ISO 13448-2:2004

Acceptance sampling procedures based on the allocation of priorities principles (APP). Coordinated single sampling plans for acceptance sampling by attributes
SS/5

BS ISO/TR 13989-1:2000

Calculation of scuffing load capacity of cylindrical, bevel and hypoid gears. Flash temperature method
MCE/5

BS ISO/TR 13989-2:2000

Calculation of scuffing load capacity of cylindrical, bevel and hypoid gears. Integral temperature method
MCE/5

BS ISO 14154:2005

Soil quality. Determination of some selected chlorophenols. Gas-chromatographic method with electron-capture detection
EH/4

DD ISO/TS 14415:2005

Ergonomics of the thermal environment. Application of international standards to people with special requirements
PH/9/1

BS ISO 14531-1:2002

Plastics pipes and fittings. Crosslinked polyethylene (PE-X) pipe systems for the conveyance of gaseous fuels. Metric series. Specifications. Pipes
PRI/88/2

BS ISO 14560:2004

Acceptance sampling procedures by attributes. Specified quality levels in nonconforming items per million
SS/5

BS ISO 15142-1:2003

Implants for surgery. Metal intramedullary nailing systems. Intramedullary nails
CH/150/5

BS ISO 15142-2:2003

Implants for surgery. Metal intramedullary nailing systems. Locking components
CH/150/5

BS ISO 15142-3:2003

Implants for surgery. Metal intramedullary nailing systems. Connection devices and reamer diameter measurements
CH/150/5

BS ISO 15202-3:2004

Workplace air. Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry. Analysis
EH/2/2

BS ISO 15213:2003

Microbiology of food and animal feeding stuffs. Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
AW/9

BS ISO/IEC 15408-2:2008

Information technology. Security techniques. Evaluation criteria for IT security. Security functional components
IST/33

BS ISO/IEC 15408-3:2008

Information technology. Security techniques. Evaluation criteria for IT security. Security assurance components
IST/33

BS ISO/IEC 15424:2008

Information technology. Automatic identification and data capture techniques. Data carrier identifiers (including symbology identifiers)
IST/34

BS ISO 15583:2005

Ships and marine technology. Maritime standards list
SME/32

BS ISO 15644:2002

Road construction and maintenance equipment. Chippings spreaders. Terminology and commercial specifications
B/513

BS ISO/TS 15768:2000

Measurement of liquid velocity in open channels. Design, selection and use of electromagnetic current meters
CPI/113/1

BS ISO 16156:2004

Machine-tools safety. Safety requirements for the design and construction of work holding chucks
MTE/1

BS ISO 16269-8:2004

Statistical interpretation of data. Determination of prediction intervals
SS/2

BS ISO 16287:2005

Plain bearings. Thermoplastic bushes. Dimensions and tolerances
MCE/12

BS ISO 16322-1:2005

Textiles. Determination of spirality after laundering. Percentage of wale spirality change in knitted garments
TCI/82

BS ISO 16322-3:2005

Textiles. Determination of spirality after laundering. Woven and knitted garments
TCI/82

BS ISO 16329:2003

Ships and marine technology. Heading control systems for high-speed craft
EPL/80

DD ISO/TS 16610-28:2010

Geometrical product specifications (GPS). Filtration. Profile filters. End effects
TDW/4

DD ISO/TS 16610-31:2010

Geometrical product specifications (GPS). Filtration. Robust profile filters. Gaussian regression filters
TDW/4

BS ISO 16740:2005

Workplace air. Determination of hexavalent chromium in airborne particulate matter. Method by ion chromatography and spectrophotometric measurement using diphenyl carbazide
EH/22

BS ISO 16902-1:2003

Hydraulic fluid power. Test code for the determination of sound power levels using sound intensity techniques. Engineering method. Pumps
MCE/18/-/8

BS ISO 16916:2004

Tools for moulding. Tool specification sheet for injection moulds
MTE/12

BS ISO 17612:2004

Tractors and machinery for agriculture and forestry. Auxiliary-power-transmission connector for the operator station
AGE/6

BS ISO 17733:2004

Workplace air. Determination of mercury and inorganic mercury compounds. Method by cold vapour atomic absorption spectrometry or atomic fluorescence spectrometry
EH/22

BS ISO 17894:2005

Ships and marine technology. Computer applications. General principles for the development and use of programmable electronic systems in marine applications
SME/32

BS ISO 17900:2002

Agricultural trailers. Balanced and semi-mounted trailers. Determination of payload, vertical static load and axle load
AGE/32

BS ISO/IEC 18014-1:2008

Information technology. Security techniques. Time-stamping services. Framework
IST/33

BS ISO/IEC 18045:2008

Information technology. Security techniques. Methodology for IT security evaluation
IST/33

DD ISO/TS 19127:2005

Geographic information. Geodetic codes and parameters
IST/36

BS ISO 19860:2005

Gas turbines. Data acquisition and trend monitoring system requirements for gas turbine installations
MCE/16

DD ISO/TS 19979:2004

Ophthalmic optics. Contact lenses. Hygienic management of multipatient use trial contact lenses
CH/172/9

BS ISO 20401:2005

Pneumatic fluid power systems. Directional control valves. Specification of pin assignment for electrical round connectors of diameters 8 mm and 12 mm
MCE/18

DD ISO/TS 21108:2005

Hand-held power tools. Impulse wrenches. Dimensions and tolerances of interface to power socket
MCE/8/-/2

BS ISO 21147:2003

Fine-cut tobacco and smoking articles made from it. Survey and analysis of consumer-made articles
AW/40

BS ISO 21247:2005

Combined accept-zero sampling systems and process control procedures for product acceptance
SS/5

BS ISO 21669:2005

Steel wire ropes. Determination of rotational properties
MHE/2

DD ISO/TS 21872-1:2007

Microbiology of food and animal feeding stuffs. Horizontal method for the detection of potentially enteropathogenic *Vibrio* spp. Detection of *Vibrio parahaemolyticus* and *Vibrio cholerae*
AW/9

DD ISO/TS 21872-2:2007

Microbiology of food and animal feeding stuffs. Horizontal method for the detection of potentially enteropathogenic *Vibrio* spp. Detection of species other than *Vibrio parahaemolyticus* and *Vibrio cholerae*
AW/9

DD ISO/TS 22269:2005

Reaction to fire tests. Fire growth. Full-scale test for stairs and stair coverings
FSH/21

BS ISO 22826:2005

Destructive tests on welds in metallic materials. Hardness testing of narrow joints welded by laser and electron beam (Vickers and Knoop hardness tests)
WEE/2

DD ISO/TS 23647:2010

Vegetable fats and oils. Determination of wax content by gas chromatography
AW/307

BS ISO 23853:2004

Cranes. Training of slingers and signallers
MHE/3

BS ISO/IEC 24754-1:2008

Information technology. Document description and processing languages. Minimum requirements for specifying document rendering systems. Feature specifications for document rendering systems
IST/41

BS ISO/IEC 24773:2008

Software engineering. Certification of software engineering professionals. Comparison framework
IST/15

NEW WORK STARTED

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

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

BS 5385-2

Wall and floor tiling. Design and installation of external ceramic and mosaic tiling in normal conditions. Code of practice

will supersede BS 5385-2:2006
B/539

BS 5733:2010/A1

General requirement for electrical accessories. Specification
PEL/23/-/12

BS 6915

Design and construction of fully supported lead sheet roof and wall coverings

will supersede BS 6915:2001
B/542/11

BS 6920-1

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. Specification

will supersede BS 6920-1:2000
EH/6

BS 6920-2-1

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. Methods of test. Samples for testing

will supersede BS 6920-2-1:2000+A3:2008
EH/6

BS 6920-2-2-1:2000/A3

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. Methods of test. Odour and flavour of water. General method of test

EH/6

BS 6920-2.2.2:2000/A1

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. Odour and flavour of water. Method of testing odours and flavours imparted to water by hoses and composite pipes and tubes

EH/6

BS 6920-2.2.3:2000/A2

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. Methods of test. Odour and flavour of water. Method of testing odours and flavours imparted to water by hoses for conveying water for food and drink preparation

EH/6

BS 6920-2.4:2000/A1

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. Methods of test. Growth of aquatic micro organisms test

EH/6

BS 6920-2.6:2000/A2

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. Methods of test. Extraction of metals

EH/6

BS 8609

Natural gas. Calculation of carbon dioxide emission factors from composition

PTI/15

BS 8892

Transition management of facility related services

FMW/1

BS 35 98

Specification for 2.5 % nickel-chromium-molybdenum (high carbon) steel billets, bars, forging and parts 1160-1310 MPa. Limiting ruling section

will supersede BS 25 98:1964
ACE/61

PAS 300

Civilian armoured vehicle. Test methods for ballistic and blast protection

PAS XXX

Specifying a process control system for the refurbishment of used automobile parts with test methods

PAS XXX

Guide to best practice for inside sales management

PAS 1192-3

The operational phase of construction projects using building information modelling

PAS 2395

Specification for the assessment of greenhouse gas (GHG) emissions from the whole life cycle of textile products

EN 31:2011/A1

Wash basins. Connecting dimensions

B/503

EN WI 00023183

Gas cylinders. In situ, non-destructive examination and testing of refillable seamless steel tubes of water capacity between 150 l and 3000 l, used for compressed gases. Specification

PVE/3/7

EN WI 00127287

Reaction to fire tests for building products. Determination of a building products propensity to undergo continuous smouldering

FSH/21

EN WI 00136309

Mountaineering equipment. Avalanche airbag systems. Safety requirements and test methods

SW/136/5

CEN/TR WI 00248379

Safety of children's wear. Mechanical safety

TCI/66

EN 747-1:2012/A1

Furniture. Bunk beds and high beds. Safety, strength and durability requirements

FW/0/2

EN 747-2:2012/A1

Furniture. Bunk beds and high beds. Test methods

FW/0/2

EN 1364-2

Fire resistance tests for non-loadbearing elements. Ceilings

will supersede BS EN 1364-2:1999
FSH/22/-7

EN 1400:2013/A1

Child use and care articles. Soothers for babies and young children. Safety requirements and test methods

CW/1/4

EN ISO 1683

Acoustical and vibratory levels

will supersede BS EN ISO 1683:2008
EH/1

EN ISO 6883

Animal and vegetable fats and oils. Determination of conventional mass per volume (litre weight in air)

will supersede BS ISO 6883:2007
AW/307

EN ISO 9308-2

Water quality. Enumeration of Escherichia coli and coliform bacteria. Most probable number method

will supersede BS ISO 9308-2:2012
EH/3

EN 10028-7

Flat products made of steels for pressure purposes. Stainless steels

will supersede BS EN 10028-7:2007
ISE/107

EN 10106

Cold rolled non-oriented electrical steel sheet and strip delivered in the fully processed state

will supersede BS EN 10106:2007
ISE/108

EN 10272

Stainless steel bars for pressure purposes

will supersede BS EN 10272:2007
ISE/107

EN 10273

Hot rolled weldable steel bars for pressure purposes with specified elevated temperature properties

will supersede BS EN 10273:2007
ISE/107

EN 10303

Thin magnetic steel sheet and strip for use at medium frequencies

will supersede BS EN 10303:2001
ISE/108

EN 10314

Method for the derivation of minimum values of proof strength of steel at elevated temperatures

will supersede BS EN 10314:2002
ISE/107

EN ISO 11114-1:2012/A1

Gas cylinders. Compatibility of cylinder and valve materials with gas contents. Metallic materials

PVE/3/1

EN ISO 11114-4

Transportable gas cylinders. Compatibility of cylinder and valve materials with gas contents. Test methods for selecting metallic materials resistant to hydrogen embrittlement

will supersede BS EN ISO 11114-4:2005
PVE/3

EN ISO 12010

Water quality. Determination of short chain chlorinated paraffins (SCCP) in whole water samples

will supersede BS ISO 12010:2012
EH/3

EN 12211

Windows and doors. Resistance to wind load. Test method

will supersede BS EN 12211:2000
B/538

EN 12574-1

Stationary waste containers. Containers with a capacity up to 10 000 l with flat or dome lid(s), for trunnion, double trunnion or pocket lifting device. Dimensions and design

will supersede BS EN 12574-1:2006
B/508/1

EN 12574-2

Stationary waste containers. Performance requirements and test methods

will supersede BS EN 12574-2:2006
B/508/1

EN 12574-3

Stationary waste containers. Safety and health requirements

will supersede BS EN 12574-3:2006
B/508/1

EN 12574-4

Stationary waste containers. Waste-mechatronics

B/508/1

EN 12697-7

Bituminous mixtures. Test methods for hot mix asphalt. Determination of bulk density of bituminous specimens by gamma rays

will supersede BS EN 12697-7:2002
B/510/1

EN 12697-22

Bituminous mixtures. Test methods for hot mix asphalt. Wheel tracking

will supersede BS EN 12697-22:2003
B/510/1

EN 12697-25

Bituminous mixtures. Test methods for hot mix asphalt. Cyclic compression test

will supersede BS EN 12697-25:2005
B/510/1

EN 12697-32

Bituminous mixtures. Test methods for hot mix asphalt. Laboratory compaction of bituminous mixtures by vibratory compactor

will supersede BS EN 12697-32:2003
B/510/1

EN 12697-33

Bituminous mixtures. Test methods for hot mix asphalt. Specimen prepared by roller compactor

will supersede BS EN 12697-33:2003
B/510/1

EN 12732:2013/A1

Gas infrastructure. Welding steel pipework. Functional requirements

GSE/33

EN ISO 12872

Olive oils and olive-pomace oils. Determination of the 2-glycerol monopalmitate content

will supersede BS ISO 12872:2010
AW/307

EN ISO 12873

Olive oils and olive-pomace oils. Determination of wax content by capillary gas chromatography

will supersede BS ISO 12873:2010
AW/307

EN 12897

Water supply. Specification for indirectly heated unvented (closed) storage water heaters

will supersede BS EN 12897:2006
B/504/-/10

EN 12953-3

Shell boilers. Design and calculation for pressure parts

will supersede BS EN 12953-3:2002
PVE/2

EN 12999:2011/A2

Cranes. Loader cranes

MHE/3/5

EN 13451-2

Swimming pool equipment. Additional specific safety requirements and test methods for ladders, stepladders and handle bends

SW/136/8

EN ISO 13477:2008/A1

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

EN 13634:2010

Protective footwear for motorcycle riders. Requirements and test methods

will supersede BS EN 13634:2010
PH/1

EN 13757-5

Communication systems for meters and remote reading of meters. Wireless relaying

will supersede BS EN 13757-5:2008
PEL/894

EN 13807

Transportable gas cylinders. Battery vehicles. Design, manufacture, identification and testing

will supersede BS EN 13807:2003
PVE/3/7

EN 14081-1

Timber structures. Strength graded structural timber with rectangular cross section. General requirements

will supersede BS EN 14081-1:2005+A1:2011
B/518

EN 14543

Specification for dedicated liquefied petroleum gas appliances. Parasol patio heaters. Flueless radiant heaters for outdoor or amply ventilated area use

will supersede BS EN 14543:2005+A1:2007
GSE/24

EN 14978

Laminate floor coverings. Elements with acrylic based surface layer, electron beam cured. Specifications, requirements and test methods

will supersede BS EN 14978:2006
PRI/3

EN 15063-1

Copper and copper alloys. Determination of main constituents and impurities by wavelength dispersive X-ray fluorescence spectrometry (XRF). Guidelines to the routine method

will supersede BS EN 15063-1:2006
NFE/34

EN 15362

Chemicals used for treatment of swimming pool water. Sodium carbonate

will supersede BS EN 15362:2007
CII/59

EN 15363

Chemicals used for treatment of swimming pool water. Chlorine

will supersede BS EN 15363:2007
CII/59

EN 15514

Chemicals used for treatment of swimming pool water. Hydrochloric acid

will supersede BS EN 15514:2007
CII/59

EN 15703-2

Copper and copper alloys. Determination of manganese content. Flame Atomic Absorption Spectrometric method (FAAS)

NFE/34

EN 15752-1

Adhesive backed polymeric film. Definitions and requirements

B/520/4

EN 15755-1

Glass in building. Adhesive backed polymeric filmed glass. Definitions and requirements

B/520/4

EN ISO 15883-4

Washer-disinfectors. Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes

will supersede BS EN ISO 15883-4:2009
CH/198

CEN/TS 15989

Fire fighting vehicles and equipment. Symbols for operator controls and other displays

will supersede DD CEN/TS 15989:2010
FSH/17

EN 16120:2012/A1

Child use and care articles. Chair mounted seat

CW/1/5

CEN/TS 16157-4

Intelligent transport systems. DATEX II data exchange specifications for traffic management and information. Variable Message Sign (VMS) Publications

EPL/278

CEN/TS 16157-5

Intelligent transport systems. DATEX II data exchange specifications for traffic management and information. Measured and Elaborated Data Publications

EPL/278

EN 16325:2013/A1

Guarantees of origin related to energy. Guarantees of origin for electricity

SEM/1/2

EN 16601-00-01

Space system. Glossary of terms

will supersede BS EN 13701:2001
ACE/68

EN 16602-10-04

Space product assurance. Critical-item control

ACE/68

EN 16602-10-09

Space product assurance. Nonconformance control system

will supersede BS EN 14097:2001
ACE/68

EN 16603-10-12

Space engineering. Method for the calculation of radiation received and its effects, and a policy for design margins

ACE/68

EN 16603-20-06

Space engineering. Spacecraft charging

ACE/68

EN 16603-20-07

Space engineering. Electromagnetic compatibility

ACE/68

EN 16603-20-08

Space engineering. Photovoltaic assemblies and components

ACE/68

EN 16603-31

Space engineering. Thermal control general requirements

will supersede BS EN 14607-1:2004
ACE/68

EN 16603-32

Space engineering. Structural general requirements

will supersede BS EN 14607-2:2004
ACE/68

EN 16603-32-01

Space engineering. Fracture control

will supersede BS EN 14165:2004
ACE/68

EN 16603-32-02

Space engineering. Structural design and verification of pressurized hardware

ACE/68

EN 16603-32-03

Space engineering. Structural finite element models

ACE/68

EN 16603-32-10

Space engineering. Structural factors of safety for spaceflight hardware

ACE/68

EN 16603-32-11

Space engineering. Modal survey assessment

ACE/68

EN 16603-34

Space engineering. Environmental control and life support (ECLS)

ACE/68

EN 16603-35

Space engineering. Propulsion general requirements

ACE/68

EN 16603-35-01

Space engineering. Liquid and electric propulsion for spacecraft

ACE/68

EN 16603-35-02

Space engineering. Solid propulsion for space crafts and launchers

ACE/68

EN 16603-35-03

Space engineering. Liquid propulsion for launchers

ACE/68

EN 16603-35-06

Space engineering. Cleanliness requirements for spacecraft propulsion hardware

ACE/68

EN 16603-35-10

Space engineering. Compatibility testing for liquid propulsion components, subsystems and systems

ACE/68

EN 16603-40

Space engineering. Software

will supersede BS EN 14160:2002
ACE/68

EN 16603-50

Space engineering. Communications

ACE/68

EN 16603-50-01

Space engineering. Space data links. Telemetry synchronization and channel coding

ACE/68

EN 16603-50-02

Space engineering. Ranging and Doppler tracking

ACE/68

EN 16603-50-03

Space engineering. Space data links. Telemetry transfer frame protocol

ACE/68

EN 16603-50-04

Space engineering. Space data links. Telecommand protocols, synchronization and channel coding

ACE/68

EN 16603-60-10

Space engineering. Control performances

ACE/68

EN 16603-60-20

Space engineering. Star sensor terminology and performance specification

ACE/68

EN 16604-10

Space sustainability. Adoption notice of ISO 24113. Space systems. Space debris mitigation requirements

ACE/68

EN ISO 16635-1

Dentistry. Dental rubber dam technique. Hole punch

will supersede BS ISO 16635-1:2013
CH/106

EN 16666

Self-propelled agricultural machines. Road safety. Basic requirements

AGE/6

EN 16668

Industrial valves. Requirements and testing for metallic valves as pressure accessories

PSE/18/1

CEN/TR 16669

Information technology. Device interface to support ISO/IEC 18000-3 Mode 1

IST/34

CEN/TR 16670

Information technology. RFID threat and vulnerability analysis

IST/34

CEN/TR 16671

Information technology. Authorisation of mobile phones when used as RFID interrogators

IST/34

CEN/TR 16672

Information technology. Privacy capability features of current RFID technologies

IST/34

CEN/TR 16673

Information technology. RFID privacy impact assessment analysis for specific sectors

IST/34

CEN/TR 16674

Information technology. Analysis of privacy impact assessment methodologies relevant to RFID

IST/34

CEN/TS 16675

Characterization of waste. Verification of the monolithic status of waste

B/508/3

CEN/TR 16676

Energy losses of industrial doorsets. Heat transmission, air leakage, infiltration. Basic calculation criteria

B/538/5

CEN/TS 16677

Ophthalmic optics. Reference method for the testing of spectacle frames and sunglasses for nickel release

CH/172

EN 16679

Packaging. Tamper verification features for medicinal product packaging

PKW/0/-/5

CEN/TR 16680

Liquid petroleum products. Investigation on internal injector sticking deposits mechanisms and the impacts of corrosion inhibitors

PTI/2

EN 16681

Steel static storage systems. Adjustable pallet racking systems. Principles for seismic design

MHE/8

EN 16682

Conservation of cultural heritage. Procedures and instruments for measuring moisture content in objects and building materials

B/560

CEN/TR 16684

Information technology. Notification of RFID. Additional information to be provided by operators

IST/34

CEN/TS 16685

Information technology. Notification of RFID. The information sign to be displayed in areas where RFID interrogators are deployed

IST/34

EN ISO 17575-1

Interface definition for autonomous systems. Charging

EPL/278

EN ISO 21487:2012/A1

Small craft. Permanently installed petrol and diesel fuel tanks

GME/33

EN ISO 25197:2012/A1

Small craft. Electrical/electronic control systems for steering, shift and throttle

GME/33

EN ISO 29822

Vegetable fats and oils. Isomeric diacylglycerols. Determination of relative amounts of 1, 2- and 1, 3-diacylglycerols

will supersede BS ISO 29822:2009

AW/307

EN ISO 29841

Vegetable fats and oils. Determination of the degradation products of chlorophylls a and a' (pheophytins a, a' and pyropheophytins)

will supersede BS ISO 29841:2009

AW/307

EN 50342-1

Lead-acid starter batteries. General requirements and methods of test

will supersede BS EN 50342-1:2006+A1:2011
PEL/21

EN 50342-6

Lead-acid starter batteries. Batteries for micro cycle applications

PEL/21

EN 50620

Cables for electric vehicles

GEL/20/17

EN 60050-811

International Electrotechnical Vocabulary (IEV). Electric traction

GEL/9

EN 60079-19:2011/A1

Explosive atmospheres. Equipment repair. Overhaul and reclamation

EXL/31/3

EN 60539-1

Directly heated negative temperature coefficient thermistors. Generic specification

will supersede BS EN 60539-1:2008

EPL/40X

EN 60695-1-20

Fire hazard testing. Guidance for assessing the fire hazard of electrotechnical products.

Ignitability. General guidance

GEL/89

EN 60695-10-3

Fire hazard testing. Abnormal heat. Mould stress relief distortion test

GEL/89

EN 60747-2

Semiconductor devices. Discrete devices. Rectifier diodes

will supersede BS IEC 60747-2:2000

EPL/47

EN 60876-1

Fibre optic interconnecting devices and passive components. Fibre optic spatial switches.

Generic specification

will supersede BS EN 60876-1:2012

GEL/86/2

EN 60947-5-5:1998/A1

Low-voltage switchgear and controlgear. Control circuit devices and switching elements.

Electrical emergency stop device with mechanical latching function

PEL/17/2

EN 60974-1

Arc welding equipment. Welding power source

will supersede BS EN 60974-1:2012

WEE/6

EN 61003-2

Industrial-process control systems. Instruments with analogue inputs and two- or multi-state outputs. Guidance for inspection and routine testing
GEL/65

EN 61290-1-1

Optical amplifiers. Test methods. Power and gain parameters. Optical spectrum analyzer method
will supersede BS EN 61290-1-1:2006
GEL/86/3

EN 61300-2-4

Fibre optic interconnecting devices and passive components. Basic test and measurement procedures. Tests. Fibre/cable retention
will supersede BS EN 61300-2-4:1997
GEL/86/2

EN 61340-2-1

Measurement methods. Ability of materials and products to dissipate static electric charge
will supersede BS EN 61340-2-1:2002
GEL/101

EN 61377

Railway applications. Rolling stock. Combined-testing of motors and their control system
will supersede BS EN 61377-1:2006, BS EN 61377-2:2002 and BS EN 61377-3:2002
GEL/9/2

EN 61757-2-1

Fibre optic sensors. Strain measurement. Fibre Bragg gratings
GEL/86/3

EN 61850-7-410:2013/A1

Communication networks and systems for power utility automation. Basic communication structure. Hydroelectric power plants. Communication for monitoring and control
PEL/57

EN 61914

Cable cleats for electrical installations
will supersede BS EN 61914:2009
PEL/213

EN 61987-21

List of Properties (LOP) of process control valves for electronic data exchange. Generic structures
GEL/65/2

EN 61987-22

Lists of Properties (LOP) of control valves and actuators for electronic data exchange
GEL/65/2

EN 61987-23

Industrial-process measurement and control. Data structures and elements in process equipment catalogues. List of Properties (LOP) of valve actuators for electronic data exchange
GEL/65/2

EN 61987-24-1

Industrial-process measurement and control. Data structures and elements in process equipment catalogues. List of Properties (LOP) of positioners for electronic data exchange
GEL/65/2

EN 61988-4-1

Plasma display panels. Environmental testing methods. Climatic and mechanical
EPL/47

EN 61995-1:2008/A1

Devices for the connection of luminaires for household and similar purposes. General requirements
PEL/23

EN 61995-2:2009/A1

Devices for the connection of luminaires for household and similar purposes. Standard sheets for DCL
PEL/23

EN 62304:2006/A1

Medical devices. Application of usability engineering to medical devices
CH/62/1

EN 62595-1-2

LCD backlight unit. Terminology and letter symbols
will supersede BS EN 62595-1-2:2012
EPL/47

EN 62692

Alarm and electronic security systems. Digital door lock systems. Requirements and test methods
GW/1

EN 62822-1

Assessment of electric welding equipment related to restrictions of human exposure to electromagnetic fields (0 Hz-300 GHz). Product family standard
WEE/6

EN 62828

Reference conditions and procedures for industrial measurement transmitters
GEL/65/2

EN 62828-2

Reference conditions and procedures for industrial measurement transmitters. Specific procedures for pressure transmitters
GEL/65/2

EN 80005-2

Utility connections in port. High voltage shore connection (HVSC) systems. Communication interface description
JPEL/18

EN 80005-2

Cold ironing. High Voltage Shore Connection (HVSC) systems. Communication interface description
SME/32/-/3

EN ISO 81060-2

Non-invasive sphygmomanometers. Clinical validation of automated measurement type
CH/205

EN 0234070

Gas infrastructure. Quality of natural gas. Group H
GSE/33

ISO WI 19049

Timber structures. Diaphragms. Static load tests for horizontal diaphragms including floors and roofs
B/518

ISO 542

Oilseeds. Sampling
AW/307

ISO 636

Welding consumables. Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels. Classification
will supersede BS EN ISO 636:2008
WEE/39

ISO 1071

Welding consumables. Covered electrodes, wires, rods and tubular cored electrodes for fusion welding of cast iron. Classification
will supersede BS EN ISO 1071:2003
WEE/39

ISO 1288-1

Glazing in building. Determination of the bending strength of glass. Fundamentals of testing glass
B/520/4

ISO 1288-2

Glazing in building. Determination of the bending strength of glass. Coaxial double-ring test on flat specimens with large test surface areas
B/520/4

ISO 1288-3

Glazing in building. Determination of the bending strength of glass. Test with specimen supported at two points (four-point bending)
B/520/4

ISO 1288-4

Glazing in building. Determination of the bending strength of glass. Testing of channel-shaped glass
B/520/4

ISO 1288-5

Glazing in building. Determination of the bending strength of glass. Coaxial double-ring test on flat specimens with small test surface areas
B/520/4

ISO 1817

Rubber, vulcanized or thermoplastic. Determination of the effect of liquids
will supersede BS ISO 1817:2011
PRI/22

ISO 3269

Fasteners. Acceptance inspection
will supersede BS EN ISO 3269:2001
FME/9

ISO 3581

Welding consumables. Covered electrodes for manual metal arc welding of stainless and heat-resisting steels. Classification
will supersede BS EN ISO 3581:2012
WEE/39

ISO 4217

Codes for the representation of currencies and funds
will supersede BS ISO 4217:2008
IST/12

ISO 4306-3

Cranes. Vocabulary. Tower cranes
MHE/3/5

ISO 4997

Cold-reduced carbon steel sheet of structural quality
will supersede BS ISO 4997:2007
ISE/109

ISO 6848

Arc welding and cutting. Nonconsumable tungsten electrodes. Classification
will supersede BS EN ISO 6848:2004
WEE/39

ISO 7304-1

Alimentary pasta produced from durum wheat semolina. Estimation of cooking quality by sensory analysis. Reference method
AW/4

ISO/IEC 7816-6

Identification cards. Integrated circuit cards. Interindustry data elements for interchange
will supersede BS ISO/IEC 7816-6:2004
IST/17

ISO 8903

Broadleaved sawn timber. Nominal sizes
B/543

ISO/IEC 10116

Information technology. Security techniques. Modes of operation for an n-bit block cipher
will supersede BS ISO/IEC 10116:2006
IST/33

ISO/IEC 10118-1

Information technology. Security techniques. Hash-functions. General
will supersede BS ISO/IEC 10118-1:1994
IST/33

ISO 10361

Textile floor coverings. Production of changes in appearance by means of Vettermann drum and hexapod tumbler tester
will supersede BS ISO 10361:2012
PRI/3

ISO 10906

Earth-moving machinery. Auditory warning devices. Laboratory test procedure and requirements
B/513/1

ISO 11085

Cereals, cereals-based products and animal feeding stuffs. Determination of crude fat and total fat content by the Randall extraction method
will supersede BS EN ISO 11085:2010
AW/4

ISO 11243

Cycles. Luggage carriers for bicycles. Concepts, classification and testing
GME/25

ISO 11344

Rubber, raw synthetic. Determination of the molecular-mass distribution of solution polymers by gel permeation chromatography
will supersede BS ISO 11344:2004
PRI/23

ISO 12836:2012/A1

Dentistry. Digitizing devices for CAD/CAM systems for indirect dental restorations. Test methods for assessing accuracy
will supersede BS EN ISO 12836:2012
CH/106

ISO 12951

Textile floor coverings. Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine
PRI/3

ISO 13061-11

Physical and mechanical properties of wood. Test methods for small clear specimen. Determination of resistance to impact indentation
B/543

ISO 13167

Water quality. Plutonium, americium and curium. Test method using alpha spectrometry
EH/3/8

ISO 13363

Rubber and plastics hoses for marine-engine wet-exhaust systems. Specification
will supersede BS ISO 13363:2004
PRI/66

ISO 13948-1

Diesel engines. Fuel injection pumps and fuel injector low-pressure connections. Threaded connections
MCE/22

ISO 14055-1

Environmental management. Combatting land degradation and desertification. Guidelines and general framework
SES/1

ISO/TR 14055-2

Environmental management. Combatting land degradation and desertification. Case studies
SES/1

ISO/TR 14073

Environmental management. Water footprint. Illustrative examples on how to apply ISO 14046
SES/1/5

ISO 14172

Welding consumables. Covered electrodes for manual metal arc welding of nickel and nickel alloys. Classification
will supersede BS EN ISO 14172:2008
WEE/39

ISO 14242-4

Implants for surgery. Wear of total hip-joint prostheses. Loading and displacement parameters for wear testing machines under adverse conditions
CH/150/4

ISO 14296

Intelligent Transport Systems. Extension of map database specifications for applications of cooperative ITS
EPL/278

ISO/TR 14645

Road vehicles. Test procedures for evaluating child restraint system interactions with deploying air bags
AUE/15

ISO/TR 14742

Financial services. Recommendations on cryptographic algorithms and their use
will supersede PD ISO/TR 14742:2010
IST/12

ISO/TS 14837-31

Mechanical vibration. Groundborne noise and vibration arising from rail systems. Measurement for the evaluation of complaints at residential buildings
GME/21/3

ISO/TS 14837-32

Mechanical vibration. Ground-borne noise and vibration arising from rail systems. Measurement of dynamic properties of the ground
GME/21/3

ISO 14869-3

Soil quality. Dissolution for the determination of total element content. Dissolution with hydrofluoric and nitric acids using pressurised microwave technique
EH/4

ISO 14906:2011/A1

Electronic fee collection. Application interface definition for dedicated short-range communication
EPL/278

ISO 16120-1

Non-alloy steel wire rod for conversion to wire. General requirements
will supersede BS EN ISO 16120-1:2011
ISE/106

ISO 16120-2

Non-alloy steel wire rod for conversion to wire. Specific requirements for general-purpose wire rod
will supersede BS EN ISO 16120-2:2011
ISE/106

ISO 16120-4

Non-alloy steel wire rod for conversion to wire. Specific requirements for wire rod for special applications
will supersede BS EN ISO 16120-4:2011
ISE/106

ISO 16741

Traceability of Crustacean products. Specifications on the information to be recorded in farmed Crustacean distribution chains
AW/234

ISO 16957

Measurement of apparent thermal conductivity of wet porous building materials by a periodic method
B/540/8

ISO/IEC TS 17021-5

Conformity assessment. Requirements for bodies providing audit and certification of management systems. Competence requirements for auditing and certification of asset management systems
CAS/1

ISO/IEC TR 17026

Conformity assessment. Guidance on a third-party certification system for products
CAS/1

ISO 17632

Welding consumables. Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of non-alloy and fine grain steels. Classification
will supersede BS EN ISO 17632:2008
WEE/39

ISO 17634

Welding consumables. Tubular cored electrodes for gas shielded metal arc welding of creep-resisting steels. Classification
will supersede BS EN ISO 17634:2006
WEE/39

ISO 17951-1

Water quality. Determination of fluoride using flow analysis (FIA and CFA). Method using flow injection analysis (FIA) and spectrometric detection
EH/3/2

ISO 17951-2

Water quality. Determination of fluoride using flow analysis (FIA and CFA). Method using continuous flow analysis (CFA)
EH/3/2

ISO 18273

Welding consumables. Wire electrodes, wires and rods for welding of aluminium and aluminium alloys. Classification
will supersede BS EN ISO 18273:2004
WEE/39

ISO/IEC 18328-2

Devices on cards. Physical characteristics
IST/17

ISO 18537

Traceability of Crustacean products. Specifications on the information to be recorded in captured Crustacean distribution chains
AW/234

ISO 18538

Traceability of Molluscan products. Specifications on the information to be recorded in farmed Molluscan distribution chains
AW/234

ISO 18539

Traceability of Molluscan products. Specifications on the information to be recorded in captured Molluscan distribution chains
AW/234

ISO 18619

Black point compensation
PAI/43

ISO 18862

Analysis of coffee and coffee products. Determination of acrylamide. Methods using HPLC-MS/MS and GC-MS after derivatization
AW/15

ISO 18897

Corrosion of metals and alloys. Standard test method for erosion. Corrosion of metallic materials by Jetin-slit
ISE/NFE/8

ISO 19044

Test methods for fibre-reinforced cementitious composites
B/517

ISO 19087

Workplace air. Measurement of respirable crystalline silica by infrared spectrometry
EH/2/2

ISO/IEC 19763-1

Information technology. Metamodel framework for interoperability (MFI). Reference model
will supersede BS ISO/IEC 19763-1:2007
IST/40

ISO/IEC 19763-13

Information technology. Metamodel framework for interoperability (MFI). Metamodel for forms registration
IST/40

ISO/IEC 19793:2008/A1

Information technology. Open Distributed Processing. Use of UML for ODP system specifications
IST/15

ISO/IEC 20009-4

Information technology. Security techniques. Anonymous entity authentication. Mechanisms based on weak secrets
IST/33

ISO/IEC 27050

Information technology. Security techniques. Electronic discovery
IST/33/-/4

ISO 27971

Cereals and cereal products. Common wheat (*Triticum aestivum* L.). Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology
will supersede BS EN ISO 27971:2008
AW/4

ISO/IEC 29192-4:2013/A1

Information technology. Security techniques. Lightweight cryptography. Mechanisms using asymmetric techniques
IST/33

ISO 29842:2011/A1

Sensory analysis. Methodology. Balanced incomplete block designs
AW/12

IEC 60050-821

International Electrotechnical Vocabulary (IEV). Signalling and security apparatus for railways will supersede BS IEC 60050-821:1998
GEL/9

IEC 60287-2-3

Electric cables. Calculation of the current rating. Cables installed in ventilated tunnels
GEL/20/16

IEC/TR 61282-12

Fibre optic communication system design guides. Optical signal-to-noise ratio. OSNR
GEL/86/3

IEC/TS 62749

Assessment of power quality. Characteristics of electricity supplied by public networks
GEL/8

IEC 62864-1

Stock. Power supply with onboard energy storage system. Series hybrid system
GEL/9

ISO 80369-2

Small bore connectors for liquids and gases in healthcare applications. Connectors for breathing systems and driving gases applications
CH/210/5

ISO 80369-6

Small bore connectors for liquids and gases in healthcare applications. Connectors for neuraxial applications
CH/210/5

DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – NATIONAL BRITISH STANDARDS

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

Deadlines for receipt of comments on each of the individual drafts can be found at <http://drafts.bsigroup.com>. The deadline for the following drafts is **31 October, 2013** unless otherwise stated.

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

13/30241837 DC

BS 8569 Coastal slipway safety signs. Guidance for the selection and use
PH/8/1/3

13/30264276 DC

BS 8590 Code of practice for the installation of audiovisual equipment
EPL/100/-/4

13/30282472 DC

BS 10501 Guide to implementing procurement fraud controls
G/2

13/30288271 DC

BS 5733 A1 General requirements for electrical accessories. Specification
PEL/23/-/12

DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – ADOPTIONS

You may comment online on draft standards issued by CEN and ISO. The BSI Draft Review system has been modified to accommodate a wider range of standards content. The purpose of the website is to enhance access to Drafts for Public Comment for the wider community, make comments more visible and move into collaborative working practices. All you need to do is register at <http://drafts.bsigroup.com>. This service is free of charge.

Please note that CENELEC and IEC standards are not included on the BSI Draft Review system at this time, but are available in hard copy format from BSI Customer Services.

All draft British Standards are available in hard copy format from BSI Customer Services (see 'How to order' on page 2). Most drafts are charged at £10.00 to members and £20.00 for non-members.

Larger draft documents are charged at a higher price according to the number of pages and, are priced individually below.

Comments on all Draft British Standards are welcome and should be sent to Debbie Stead, Head of Committee Service Centre and International Secretariat, BSI Group, 389 Chiswick High Road, London W4 4AL by **31 October, 2013** unless otherwise stated, to be considered by the relevant BSI committee.

Draft standards may be modified before adoption and issue as British Standards.

13/30203230 DC

BS ISO 13095 Surface chemical analysis. Atomic force microscopy. Procedure for in situ characterization of AFM probe shank profile used for nanostructure measurement
CI/60

Comments for the above document are required by 30 September, 2013

13/30240527 DC

BS ISO 129-2 Technical product documentation. Indication of dimensions and tolerances. Dimensioning of mechanical engineering drawings
TDW/4

Comments for the above document are required by 30 September, 2013

13/30243474 DC

BS ISO 11210 Determination of platinum in platinum jewellery alloys. Gravimetric method after precipitation of diammonium hexachloroplatinate
STI/53

Comments for the above document are required by 15 September, 2013

13/30243477 DC

BS ISO 11426 Determination of gold in gold jewellery alloys. Cupellation method (fire assay)
STI/53

Comments for the above document are required by 15 September, 2013

13/30243480 DC

BS ISO 11427 Determination of silver in silver jewellery alloys. Volumetric (potentiometric) method using potassium bromide
STI/53

Comments for the above document are required by 15 September, 2013

13/30243483 DC

BS ISO 11489 Determination of platinum in platinum jewellery alloys. Gravimetric determination by reduction with mercury(II) chloride
STI/53

Comments for the above document are required by 15 September, 2013

13/30243486 DC

BS ISO 11490 Determination of palladium in palladium jewellery alloys. Gravimetric determination with dimethylglyoxime
STI/53

Comments for the above document are required by 15 September, 2013

13/30243489 DC

BS ISO 11494 Jewellery. Determination of platinum in platinum jewellery alloys. ICP-OES method using yttrium as internal standard element
STI/53

Comments for the above document are required by 17 September, 2013

13/30243492 DC

BS ISO 11495 Jewellery. Determination of palladium in palladium jewellery alloys. ICP-OES method using yttrium as internal standard element
STI/53

Comments for the above document are required by 17 September, 2013

EUROPEAN UNION

G/TBT/N/EU/141

8 August 2013

Regulation (EU) No 168/2013 of the European Parliament and of the Council of 15 January 2013 on the approval and market surveillance of two- or three-wheel vehicles and quadricycles sets out general requirements on the functional safety, environmental performance and vehicle construction of these vehicle types and repeals 15 directives. The Commission is empowered to adopt the specific technical requirements and test procedures through delegated acts. This draft is the second delegated act, out of a foreseen total of three. It sets out the specific requirements and test procedures in the area of vehicle construction. Many of these technical requirements and test procedures are carried over from the repealed Directives and, adapted, when necessary to technical progress. Others are newly developed in order to reflect the new vehicle construction provisions included in Regulation No 168/2013. As far as possible, the requirements are based or make directly reference to international requirements adopted under the UNECE framework (Revised 1958 Agreement). This is in line with the CARS 21 recommendation to strengthen international regulatory harmonisation and represents a clear benefit for manufacturers.

UGANDA

G/TBT/N/UGA/339

22 July 2013

This Final Draft Uganda Standard specifies the requirements for speedometers, mechanical odometers and chronotachographs for motor vehicles. Prevention of deceptive practices and consumer protection.

EUROPEAN UNION

G/TBT/N/EU/138

22 July 2013

This proposal for a Regulation specifies the obligatory requirements of the eCall in-vehicle system for cars and vans. It also amends Directive 2007/46/EC to take into account this new requirement. The proposal envisages the mandatory fitting of a system that in the case of a severe crash will automatically send information and launch a voice call to the nearest national emergency service (112 number). In addition, the sending of the information and dialling of the 112 number can also be manually triggered.

VCA END OF SERIES PROVISIONS

END OF SERIES PROVISIONS

These are available for all upcoming new Standards as outlined in the following table. The conditions for application follow.

EC DIRECTIVES WITH AN APPLICATION DATE TO ALL NEW REGISTRATIONS UP TO 31st December 2020

EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EC) 692/2008	LIGHT DUTY EMISSIONS Euro 5b emissions with Euro 5 OBD	M1G social needs Euro 5a with Euro 5 OBD	1/9/2012
DIRECTIVE 2010/52/EC	TRACTORS MULTI-SUBJECT	Tractors of categories T1, T2 & T3	2/9/2012
REGULATION (EC) 78/2009	PEDESTRIAN PROTECTION Annex 1 Section 2 or 3 of 78/2009	M1 less than 2500kg and N1 less than 2500kg.	31/12/2012
REGULATION (EC) 692/2008	LIGHT DUTY EMISSIONS Euro 5b emissions with Euro 5 OBD	M, N1 Class I, II & III, N2, M1 specific social needs Euro 5a emissions with Euro 5 OBD vehicles, Euro 6a emissions with Euro 6- OBD vehicles	1/1/2013
2005/49/EC(& Decision 2005/50/EC)	EMC: Prohibition of 24GHz radar	Vehicles with short-range radar (No radar = not affected)	1/7/2013
REGULATION (EU) 595/2009	HEAVY DUTY EMISSIONS	M and N Vehicles with reference mass of 2610 kg or over - compliance with Euro VI limits and EC Reg 595/2009/EC	31/12/2013

EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EC) 692/2008	LIGHT DUTY EMISSIONS	M and N1 Class 1, II & III, N2, M1 specific social needs (excluding M1G) Euro 5b emissions with Euro 5 OBD vehicles and Euro 6b emissions with Euro 6- OBD	1/1/2014
REGULATION (EU) 661/2009	VEHICLE SAFETY & TYRES	M2 and M3 to comply with Article 7 of 661/2009/EC N and O vehicles to comply with Article 6 of 661/2009/EC All categories of vehicles fitted with tyres that comply with Article 8, 9(1) and 9(4) of 661/2009/EC and meet Annex II Part A (wet grip requirements) and Part B Table 1 (rolling resistance req.) excluding C3 tyres M1 manuals with ref mass not exceeding 2610 and other vehicles which have manual gear and approval under Article 2(2) of EC Reg 715/2007 to be equipped with gear shift indicators All categories of vehicle to comply with Article 5 of 661/2009	1/11/2014
REGULATION (EU) 523/2012	TPMS	M1 vehicles to be fitted with TPMS	1/11/2014

EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EC) 661/2009	ELECTRONIC STABILITY CONTROL Mandatory fitment	M1 and N1 M3 Class 3, M3 <16 tonnes with pneumatic transmission N2 excluding hydraulic, pneumatic and hydraulic energy transmission, N3 O category	1/11/2014
REGULATION (EU) 407/2011	Mandatory compliance with UNECE Regulations	All	1/11/2014
REGULATION (EU) 407/2011	Mandatory compliance with UNECE Reg 13 Supp 3 to 11 series or UNECE Reg 13H Supp 9	N1	1/11/2014
REGULATION (EU) 1230/2012	Masses & Dimensions	Vehicles approved according to Article 7 of 97/27/EC	1/11/2014
REGULATION (EC) 661/2009	ELECTRONIC STABILITY CONTROL Mandatory fitment	M2 M3 Class II and B and Class III Hydraulic transmission N2 Hydraulic transmission	11/7/2015
REGULATION (EU) 78/2009	PEDESTRIAN PROTECTION: Annex 1 Section 4 of 78/2009	N1 new category vehicles	24/08/2015
REGULATION (EC) 715/2007	LIGHT EMISSIONS	Cats M & N1 Class 1, M1 specific social needs (excluding M1G) Vehicles that don't comply with Euro 6b emissions with Euro 6 ODB	1/9/2015

EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EU) 347/2012	ADVANCED EMERGENCY BRAKING SYSTEMS APPROVAL LEVEL 1	M2, M3, N2, N3 with exceptions	1/11/2015
REGULATION (EC) 661/2009	ELECTRONIC STABILITY CONTROL Mandatory fitment	M3 Class II and III pneumatic control and hydraulic energy transmission N2 pneumatic control and hydraulic energy transmission	11/7/2016
REGULATION (EC) /715/2007	LIGHT EMISSIONS	Category N1 Class II & III, N2 Vehicles that don't comply with Euro 6b emissions with Euro 6 ODB	1/9/2016
REGULATION (EU) 1229/2012	EC SMALL SERIES TYPE APPROVAL	EC Small Series issued before 1/11/2012 lose validity	31/10/2016
REGULATION (EC) 661/2009	TYRES	M, N and O vehicles fitted with tyres that comply with Annex II Part C Table 1 (tyre rolling noise requirements) and Annex II Part B Table I (tyre rolling resistance requirements) including C3 class tyres	1/11/2016
2006/40/EC	<u>AIR CONDITIONING SYSTEMS</u> : Prohibition on using systems with gas with a global warming potential (GWP) greater than 150	M1 & N1 (Class 1), or STU	1/1/2017
REGULATION (EC) 78/2009	PEDESTRIAN PROTECTION: Annex 1 Section 3 of 78/2009	M1 max mass <2500kg N1 max mass <2500Kg	24/2/2018

EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EC) 661/2009	TYRES	M, N and O vehicles fitted with C1 and C2 tyres that comply with Annex II Part B Table 2 rolling resistance limits	1/11/2018
REGULATION (EU) 347/2012	ADVANCED EMERGENCY BRAKING SYSTEMS APPROVAL LEVEL 2	M2, M3, N2, N3 with exceptions	1/11/2018
REGULATION (EC) 78/2009	PEDESTRIAN PROTECTION: Annex 1 Section 3 of 78/2009	M1 max mass >2500kg N1 max mass >2500kg	24/8/2019
REGULATION (EC) 661/2009	TYRES	M, N and O vehicles fitted with C3 tyres that comply with Annex II Part B Table 2 rolling resistance limits	1/11/2020
REGULATION (EU) 168/2013	MOTORCYCLE FRAMEWORK / EMISSIONS Test Type I Revised WMTC based Test Cycle	L1e-L7e	31/12/2020
REGULATION (EU) 168/2013	MOTORCYCLE FRAMEWORK / EMISSIONS Euro 5: Annex VI of 168/2013 Table A2	L1e-L7e	31/12/2020
REGULATION (EU) 168/2013	MOTORCYCLE FRAMEWORK / EMISSIONS Shed Test or fuel permeation test, pending study results referred to in Article 23(4) and (5)	L1e-L7e	31/12/2020
REGULATION (EU) 168/2013	MOTORCYCLE FRAMEWORK / EMISSIONS Euro 5 durability mileage, Annexes VII (A) & (B)	L1e-L7e	31/12/2020

EU DIRECTIVE / EU REGULATION	SUBJECT (DESCRIPTION)	VEHICLE CATEGORY AFFECTED	APPLICATION DATE IN THE DIRECTIVE (For registration or entry-into- service)
REGULATION (EU) 168/2013	MOTORCYCLE FRAMEWORK / EMISSIONS OBD Stage 1 Functional Requirements	L3e-L7e	31/12/2020
REGULATION (EU) 168/2013	MOTORCYCLE FRAMEWORK / NOISE UNECE Regulation 9, 41, 63, 92	L1e-L7e	31/12/2020

We will be organising end-of-series exercises according to the rules below:

For ECWVTA vehicles approved under 2007/46/EC or 2002/24/EC

If you have stocks of vehicles still unsold which will not comply with the requirements of the Directive listed, then we can allow a further period of 12 months from the specified 'must comply' date during which the vehicle can enter into service (18 months in the case of a 'multi-stage' vehicle, for instance one which is built by one company and completed by another). To encourage an early move to the newer standard, this allowance can only be given for vehicles covered by an EC certificate of conformity which remains valid for three months or more before the date specified in the Directive. As an example, if a Directive specifies that a vehicle must comply by 1/1/2011, we can allow derogation ONLY for vehicles which have a COC issued before 1/10/2010. A vehicle manufactured on or after 1/10/2010 that does not comply with the new standard must be registered before 1/1/2011.

New Small Series National Type Approval (SSNTA) and EC Small Series Type Approval (ECSSTA) schemes fall under the RFD and therefore the 3 month rule will apply to them as well.

For Motorcycles & Quadricycles approved under Regulation (EU) 168/2013

Derogation will be for 10% of the total number of vehicles covered by this Regulation which were registered during the preceding 2 years or 100 vehicles whichever is the greater of the two.

The derogation period will run for 24 months from the introduction of the new standard for complete vehicles and 30 months for completed vehicles.

For Agricultural Tractors

Derogation will be for up to 10% of the total numbers of tractors put into service by the manufacturer during the 24 months previous to the into-force date of the new standard. Derogated vehicles must be manufactured before the into force date of the new standard.

Where 10% would be less than 20, 20 tractors may be derogated.

The derogation period will run for 24 months from the introduction of the new standard for complete vehicles and 30 months for completed vehicles.

ADDITIONAL IMPORTANT INFORMATION

Note 1

No amendment to the approval of a type of vehicle shall be required if the new requirements are from a technical point of view, irrelevant to that type of vehicle or concern categories of vehicle other than the category to which it belongs.

Hence the approval of a type of vehicle that does not need to be amended, under the terms of Article 14.4 of the RFD, remains valid. Inherently, therefore, CoCs for that type of vehicle should be considered valid and the manufacturer need not take advantage of the end-of-series provisions in Article 27.1.

If the end-of-series provisions are not utilized then no submission to VCA is required.

Note 2

Multistage build

The UK has opted for the 3 month rule on vehicles approved under 2007/46/EC. For multi stage build, either the first stage manufacturer or the second stage manufacturer could apply for derogation, but the applicant must meet the requirements which amongst other things include the requirement to have a EC COC issued more than 3 months before it loses its validity due to the introduction of new legislation.

If the first stage manufacturer applies for the derogation, the second stage manufacturer can rely on that derogation, as long as no changes are made to the vehicles that affect the validity of the derogation. So for emissions where the first stage manufacturer applies for the derogation, the second stage manufacturer mustn't make any changes to the vehicle that affect the emissions approval. As long as the first stage manufacturer issues an incomplete COC and identifies vehicles which he will be passing to a second stage manufacturer, then the end of series derogation will be for a period of 18 months.

HOW TO APPLY

You should apply stating the technical or economic reasons for the application. Applications should be submitted as soon as is practical preferably 1 month before a new standard comes in for applications under the 3 month rule.

You need to submit a list of the vehicles affected, arranged (where necessary) in model order. Specify the VIN number and the approval number and the date of production. For applications under the % rules please provide a short statement with the number of vehicles registered in the previous 12 /24 months. This list should be in Excel. You should specify the Directive from which you are seeking derogation.

A pro-forma application form follows on the next page :-

Derogation Application from Directive / EC Reg No

Part A

1. Make (Trade name of manufacturer):	
2. Vehicle type:	
3. Name and address of manufacturer:	

For converters only

1. Make (Trade name of converters):	
2. Vehicle type:	
3. Name and address of converter:	

Part B

Please state the economic and/or technical reasons on which this application is based:

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Part C

Please provide a separate excel spreadsheet (not pdf's) with the following details:

Make	Model	Type Approval No. (if	VIN No's.	Date of Production of Base Vehicle	Date of Completion of Conversion (If relevant)
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		relevant)			

Part D

The total number of vehicles applied for in Part C above is:	
The total number of vehicles of this kind sold in the previous *12 / **24 month period is: (only required for percentage based end of series allowances) * For GVNTA 12 month figure ** For Tractors 24 month figure	

Part E

The particulars set out in Part C to this notice in relation to each vehicle listed in that part are accurate. The vehicles listed are intended for use in the United Kingdom.

Dated	
Signature	
Name	
On behalf of	

NRMM & TRACTOR SELL OFF & FLEXIBILITY SCHEME

2 YEAR SELL OFF PROVISION

There are two separate and distinct derogations in the tractor emissions Directive and NRMM emissions Directive. The first of these is the optional 2-year sell-off period, which allows Member States to postpone into service dates by 2 years for engines manufactured before the Stage change date. UK chose to allow this delay. It is worth noting that Directive 2005/13/EC introducing Stages IIIA, B & IV makes this delay mandatory for these Stages rather than leaving it to Member States to choose whether or not to allow it.

VCA does not need to keep any record of engines entering into service under these 2-year delay allowances, so no lists will need to be submitted by manufacturers in respect of this.

FLEXIBILITY SCHEME

The second form of derogation is the flexibility scheme. Broadly speaking this scheme allows tractor and NRMM manufacturers (hereafter referred to as OEM's) to procure a limited number of engines that meet only the previous Stage of emissions limits and then sell tractors/NRMM fitted with these engines. The intent of this scheme is to allow OEM's to delay the redesign of niche products e.g. vineyard tractors. We are obliged to include the flexibility provisions in our transposition of the Directives. Requirements for the flexibility scheme are set out in Annex IV of Directive 2000/25/EC, as amended by Directive 2005/13/EC, and Annex XIII of 97/68/EC and these do require record keeping by the type approval authority. Further explanation of the flexibility scheme is set out below.

An OEM must submit an application to an approval authority, in the period between two emission stages, to use the flexibility scheme to procure engines complying with the immediately preceding emissions stage. Applications must declare the number of engines for inclusion for placement on the market, which the tractor manufacturer must decide using one of two options:

The number of an OEM's products placed on the flexibility scheme should not exceed 20% of their annual sales by engine category as defined by power output. An Annex listing engine categories is attached. Such numbers are calculated as the average of the latest 5 years sales on the EU market. An OEM may have marketed products in the EU for less than 5 years. If so, the average will be calculated based on the period it has done so in the EU.

Directives 2011/72/EU and 2011/88/EU amend this percentage to 40% (for tractors) and 37.5% (for NRMM) during Stage IIIB. However until the transposition of these directives is complete VCA cannot apply the revised allowances.

Alternatively, the OEM may request that his engine suppliers place on the market a fixed number of engines, in each category as follows:

ENGINE CATEGORY	NUMBER OF ENGINES
19-37Kw	200

37-75Kw	150
75-130Kw	100
130-560kw	50

The revised allowances for tractors during Stage IIIB are:-

ENGINE CATEGORY	NUMBER OF ENGINES
19-37Kw	200
37-75Kw	175
75-130Kw	250
130-560kw	125

The revised allowances for NRMM during Stage IIIB are:-

ENGINE CATEGORY	NUMBER OF ENGINES
37-56kW	200
56 -75Kw	175
75-130Kw	250
130-560kw	125

But please note we can't apply the new allowances until transposition of the Directives is complete.

OTHER INFORMATION TO BE SUPPLIED BY THE OEM TO THE APPROVAL AUTHORITY (VCA)

Labels

The OEM's application to an approval authority must provide an application form obtainable by emailing flexibility@vca.gov.uk, a brochure for the equipment, the type approval documentation for the engines and a sample of the following labels,

Labels to be stuck to each tractor placed on the market under the flexibility scheme. Such labels would state, "MACHINE NO...OF... WITH ENGINE SERIAL NUMBER AND ENGINE TYPE APPROVAL NO....."

A sample of the supplementary label to be affixed on the engine should bear the words, “engine placed on the market under the flexibility scheme”. This label would normally come from the engine manufacturer and may incorporate other engine information as well.

For Tractor flexibility the OEM must inform the approval authorities of each Member State that they have been granted use of the flexibility scheme. This is no longer required for NRMM flexibility.

For Tractor flexibility the OEM must submit a report every six months to the approval authorities of each Member State on their products and engines placed on the market under the flexibility scheme. This report would provide details of engine and machine serial numbers and the Member States where they have been entered into service. These procedures shall continue as long as a flexibility scheme is still in progress. This is no longer required for the NRMM flexibility scheme although information should be provided on request from approval authorities.

<i>Power Output (P) in kW</i>	<i>Production date</i>	<i>Date of initial entry into service</i>	<i>Category</i>	<i>Emissions Stage</i>
130 ≤P ≤560	On or before 30.12.2005	31.12.2007 to 30.12.2012	H	IIIA
	31.12.2005 to 30.12.2010	31.12.2005 to 30.12.2012	H	IIIA
	On or before 30.12.2010	31.12.2012 to 30.12.2015	L	IIIB
	31.12.2010 to 30.12.2013	31.12.2010 to 30.12.2015	L	IIIB
	On or before 30.12.2013	31.12.2015 onwards	Q	IV
	31.12.2013 onwards	31.12.2013 onwards	Q	IV
75 ≤P <130	On or before 30.12.2006	31.12.2008 to 30.12.2013	I	IIIA
	31.12.2006 to 30.12.2011	31.12.2006 to 30.12.2013	I	IIIA
	On or before 30.12.2011	31.12.2013 to 29.09.2016	M	IIIB
	31.12.2011 to 29.09.2014	31.12.2011 to 29.09.2016	M	IIIB
	On or before 29.09.2014	30.09.2016 onwards	R	IV
	30.09.2014 onwards	30.09.2014 onwards	R	IV
56≤P <75	On or before 30.12.2003	31.12.2005 to 30.12.2009	G	II
	31.12.2003 to 30.12.2007	31.12.2003 to 30.12.2009	G	II
	On or before 30.12.2007	31.12.2009 to 30.12.2013	J	IIIA
	31.12.2007 to 30.12.2011	31.12.2007 to 30.12.2013	J	IIIA
	On or before 30.12.2011	31.12.2013 to 29.09.2016	N	IIIB
	31.12.2011 to 29.09.2014	31.12.2011 to 29.09.2016	N	IIIB
	On or before 29.09.2014	30.09.2016 onwards	R	IV
	30.09.2014 onwards	30.09.2014 onwards	R	IV
37 ≤P <56	On or before 30.12.2007	31.12.2009 to 30.12.2014	J	IIIA
	31.12.2007 to 30.12.2012	31.12.2007 to 30.12.2014	J	IIIA
	On or before 30.12.2012	31.12.2014 onwards	P	IIIB
	31.12.2012 onwards	31.12.2012 onwards	P	IIIB
19 ≤P <37	On or before 30.12.2006	31.12.2008 onwards	K	IIIA

	31.12.2006 onwards	30.12.2006 onwards	K	IIIA
18 ≤P <19	31.12.2001 onwards	31.12.2001 onwards	D	II

Separate Shipment

The transition to the Stage IIIB emissions standard for non-road mobile machinery engines has led to questions about whether it is permissible for an engine manufacturer to ship engines and exhaust after treatment devices to machine builders in separate packages. These questions have arisen because, whilst some interested parties have pointed out that the engine does not meet the requirements of the legislation unless it is assembled as a complete system with the after treatment, an engine assembled with the complete exhaust system for the machine into which it will be fitted would be a very bulky and expensive package to ship.

There is no objection to an engine manufacturer shipping the engine itself and the exhaust after treatment devices that go with it to a machine builder in separate packing cases providing that these are despatched effectively simultaneously, or that the engine is despatched shortly after the after treatment device, and that appropriate care has been taken to ensure that the machine builder will be able to identify and assemble the components properly. There is not likely to be an objection to an engine manufacturer arranging direct delivery of an after treatment device from his supplier to the machine builder on the same basis as he might separately ship the engine and the after treatment device from his own works. If the after treatment device were to be shipped significantly after shipment of the engine, however, or if the machine builder were to be left to order the device himself, the engine would be likely to be considered to have been placed on the market illegally.



InterRegs Update Bulletin - Issue No. 160

Welcome to another edition of the InterRegs' Update Bulletin. As well as the usual regulatory updates and Spotlight this month, we take the opportunity to remind you about recent improvements at InterRegs.NET. Also, there's only one month left to get your nominations in for our SAE/InterRegs Standards and Regulations Award - why don't you enter?

This issue includes:

1. [New and Amended Regulations Summary.](#)
2. [InterRegs NEWS: Your last chance to win US\\$1000; What's new and improved at InterRegs this year?.](#)
3. [Regulations Spotlight: NHTSA Issued Final Rule for 49CFR Parts 573, 577 and 579.](#)

1. New and Amended Regulations Summary.

Global Automotive Regulations

Brazil

Ordinance No. 17/00 - Vehicle Identification Numbers.
Amended to Ordinance No. 166 of July 25, 2013.

China

GB 14762-2008 - Limits and Measurement Methods for Emissions from Heavy-Duty Vehicles (III, IV).
Added Document.

EC - European Union

Directive No. 2007/46/EC - Approval of Motor Vehicles and Trailers.
Added Draft B4 2172626 PE.

ECE - United Nations

Global Technical Regulation No. 1 - Door Locks and Door Retention Components.
Amended to Amendment 1 of August 29, 2012.

Mercosur

Resolution No. 23/02 - Technical Regulation on the Goods Vehicle Rear Bumper.
Added Document.

Resolution No. 24/02 - Technical Regulation on the Identification of Gear Levers for Manual and Automatic Transmissions.

Added Document.

Resolution No. 25/11 - Sleeper Cab in Vehicles Assigned to the International Motor Transportation of Loads.

Added Document.

Resolution No. 26/94 - Seat Anchorages.

Added Document.

Resolution No. 27/94 - Fitting and Use of Seat Belts.

Added Document.

Resolution No. 28/94 - Locks and Hinges for Side Doors.

Added Document.

Resolution No. 29/94 - Reflective Surfaces.

Added Document.

Resolution No. 29/97 - Technical Regulation on the Emission of Polluting Gases for Otto Cycle Heavy Motor Vehicles.

Added Document.

Resolution No. 30/94 - Windscreen Wiper Systems for Motor Vehicles and the Method for Determination of the Geometric Placing of the Eyes.

Added Document.

Resolution No. 31/94 - Unify the Test Methods Previously Adopted with Regard to Fuel Tank, Filler Hose and Fuel Tank Connections.

Added Document.

Resolution No. 32/02 - Technical Regulation on Reference Diesel Specifications for Testing Exhaust Gas Emissions.

Added Document.

Resolution No. 32/94 - Unify the Test Methods Previously Adopted with Regard to Rear-View Mirrors.

Added Document.

Resolution No. 33/94 - Unify the Test Methods Previously Adopted with Regard to Steering Control System, Energy Absorber and Requirements for Operation.

Added Document.

Resolution No. 34/94 - Unify the Test Methods Previously Adopted in Relation to Moving the Steering Control System and the Method for Testing for Collisions Against Barriers.

Added Document.

Resolution No. 35/94 - Classification of Vehicles.

Added Document.

Resolution No. 37/94 - Emergency Reflective Signs.

Added Document.

Resolution No. 41/01 - Technical Regulation on Motor Vehicle Bonnet Catches.

Added Document.

Resolution No. 42/01 - Electric Window Regulation.
Added Document.

Resolution No. 64/08 - Use of Reflective Strips for Goods or Passenger Road Transportation Vehicles.
Added Document.

Resolution No. 65/08 - Weights and Dimensions of Passenger and Goods Road Transportation Vehicles.
Added Document.

Resolution No. 65/92 - Vehicle Tyres, Rims and Valves.
Added Document.

Resolution No. 82/94 - Technical Regulation on the Brake System.
Added Document.

Resolution No. 83/94 - Lighting and Vehicle Signalling Systems.
Added Document.

Resolution No. 84/94 - Technical Regulation on Maximum Limits of Polluting Gas Emissions.
Added Document.

Resolution No. 85/94 - Technical Regulation on Maximum Limits of Vehicle Noise Emissions.
Added Document.

Resolution No. 86/94 - Maximum Noise Limits for Motorcycles, Tricycles, Mopeds, Bicycles with Auxiliary Motor and Similar Vehicles.
Added Document.

Resolution No. 89/94 - Vehicle Approval.
Added Document.

Poland

Order of March 25, 2013 - Type Approval of Motor Vehicles and their Trailers, Equipment and Components.
Added Document.

US - Federal

40 CFR Part 80 - Fuel and Fuel Additives (Extracts).
Amended to F.R. Vol. 78 No. 158 - August 15, 2013. (Amended Without Alteration to Published Extracts).

49 CFR Part 541 - Theft Prevention Standard.
Added Corrected Request for Comments of August 16, 2013.

49 CFR Part 573 - Defects and NonCompliance Responsibility and Reports.
Amended to F.R. Vol. 78 No. 161 of August 20, 2013.

49 CFR Part 577 - Defect and Noncompliance Notification.
Amended to F.R. Vol. 78 No. 161 of August 20, 2013.

49 CFR Part 579 - Reporting of Information about Defects.
Amended to F.R. Vol. 78 No. 161 of August 20, 2013.

California 2018 and Subsequent Zero Emission and Hybrid Electric Vehicles. - California Exhaust Emission Standards and Test Procedures for 2018 and Subsequent Model Zero-Emission Vehicles and Hybrid Electric Vehicles, in the Passenger Car, Light-Duty Truck and Medium-Duty Vehicle Classes.

Added Document.

Final Rule Preamble of August 20, 2013. - Early Warning Reporting, Foreign Defect Reporting, and Motor Vehicle and Equipment Recall Regulations.

Added Document.

Request for Comments of June 26, 2013 - New Car Assessment Program (NCAP).

Added Document.

US States

Indiana Code - Title 9 - Article 13 - General Provisions and Definitions (Extracts).

Amended to August 2013.

Indiana Code - Title 9 - Article 18 - Motor Vehicle Registration and License Plates (Extracts).

Amended to August 2013.

Indiana Code - Title 9 - Article 19 - Motor Vehicle Equipment (Extracts).

Amended to August 2013.

Indiana Code - Title 9 - Article 20 - Size and Weight Regulation (Extracts).

Amended to August 2013.

Indiana Code - Title 9 - Article 21 - Traffic Regulation (Extracts).

Amended to August 2013.

Iowa Code 1999 - Title VIII - Chapter 321 - Motor Vehicles and the Law of the Road (Extracts).

Amended to August 2013.

Kentucky Revised Statutes - Title XVI - Chapter 186 - Licensing of Motor Vehicles, Operators and Trailers (Extracts).

Amended to August 2013 (Amended Without Alteration to Published Extracts).

Kentucky Revised Statutes - Title XVI - Chapter 189 - Traffic Regulations - Vehicle Equipment and Storage (Extracts).

Amended to August 2013 (Amended Without Alteration to Published Extracts).

Maine Revised Statutes - Title 29-A - Chapter 19 - Operation.

Amended to August 2013.

Maryland Code of Regulations - Title 26 - Chapter 34 - Low Emissions Vehicle Program (Extracts).

Amended to August 2013.

Maryland Vehicle Laws - Title 24 - Vehicle Size, Weights and Loads (Extracts).

Amended to August 2013

Michigan Vehicle Code - Act 300 of 1949 - Chapter I - Words and Phrases Defined.

Amended to August 2013.

Michigan Vehicle Code - Act 300 of 1949 - Chapter VI - Obedience to and Effect of Traffic Law (Extracts).

Amended to August 2013 (Amended Without Alteration to Published Extracts).

Minnesota Statutes - Chapter 169 - Traffic Regulations (Extracts).

Amended to August 2013.

Mobile Construction Equipment

Europe

EN ISO 3164 : 2013 - DLV - Deflection Limiting Volume.

Added Document.

ISO 7134 : 2013 - Graders - Terminology and Commercial Specifications.

Added Document.

ISO 22915-21 : 2009 - Industrial Trucks - Stability Tests - Part 21 - Order-picking Trucks with Operator Position Elevating Above 1200mm.

Added Document.

ISO 27850 : 2013 - Falling Object Protective Structures - Agricultural and Forestry Tractors.

Added Document.

2. InterRegs News.

Your LAST Chance to Win US\$1000 - Calling Nominations!

Hurry! This is the final month to get your nominations in for next year's 2014 SAE/InterRegs Standards and Regulations Award - if you're involved in vehicle regulations, standards, conformity or homologation, YOU could be our winner so why not enter? Candidates can self-nominate or be nominated by another individual. Nominations must be submitted electronically from the SAE/InterRegs Standards and Regulations Award website by **September 30th 2013**.

For more information visit the SAE/InterRegs Award page at our [website](#)

MERCOSUR - Introductory Offer

InterRegs are delighted to announce that certain Mercosur documents are now available in English on InterRegs.NET at the special introductory offer price of £245.00 for 12 months' access. The collection is scheduled to be complete by 1st October 2013 after which time the full price (estimated £500.00) will apply to all new orders. MERCOSUR is South America's "Common Market" comprising full members Argentina, Brazil, Paraguay, Uruguay, Venezuela and Bolivia and associated states Chile, Ecuador, Colombia and Peru. Save money by ordering during the introductory period - please [email us](#) for a quote or for more information.

Subject subscribers will find relevant Mercosur documents automatically added to their subscription as and when they are uploaded to InterRegs.NET.

Amended Text Highlighting and Navigation - New InterRegs.NET Feature

We're pleased to inform our InterRegs.NET subscribers that we have added a new feature to the site which allows users to quickly and easily navigate to highlighted changes within an amended document.

Historically, InterRegs have indicated changes to the content of a document by highlighting the text amendments in blue and marking the right column of a page with a blue line. We will continue to use this proven approach, but we have received feedback from customers that this blue mark-up can still be time-consuming to find in a large document.

We have addressed this issue by including a "view changes" link for amended documents in both the "New & Updated" section of the site and in the document "details" page. By clicking this additional link, the document is opened on the first page that changes take place (as indicated by the blue text/line), with a custom set of bookmarks generated to allow you to jump from one changed page to the next. The details page also includes a "view changes" link for all entries in the document update history, allowing you to use this feature on historical versions of a document as well.

This feature is now live on InterRegs.NET and further details can be found in a new support [knowledgebase article](#) that further outlines this new functionality.

Enhancement to the Legislation Implementation Dates Database

Following client feedback, earlier in the year we enhanced the Legislation Implementation Dates database (LID) so users could export a filtered list of legislation implementation dates, with accompanying document details, in a tabular format, to a comma-separated values (CSV) file. This can then be opened in a number of popular applications, such as Microsoft Excel, and incorporated into your own reports, project specifications or presentations.

The new export feature is on InterRegs.NET subscriber's version of LID database, and can be accessed via the "export data" link, found at the base of a search/filter results list. The LID database Support [knowledgebase article](#) covers this new functionality.

3. Regulations Spotlight.

NHTSA Issued Final Rule for 49CFR Parts 573, 577 and 579

The National Highway Traffic Safety Administration (NHTSA) has issued a Final Rule adopting amendments to certain provisions of the early warning reporting (EWR) rule and the regulations governing motor vehicle and equipment safety recalls.

The summary article on the above EWR Final Rule can be found in the [Spotlight](#) section of our website.

This Final Rule will be on InterRegs.NET for USA subscribers, and also available at www.selectregs.com.

Summary provided by Bob Pfeiffer.

Thank you for taking the time to read the InterRegs Bulletin. Please [email us](#) with any feedback on the contents.

If you no longer wish to receive the InterRegs Update Bulletin please send an email to [unsubscribe](#).

For further information about InterRegs and our services visit our website: www.interregs.com.

PPVL COMMITTEES, WORKING & INTEREST GROUP MEMBERSHIP REQUEST FORM

Name: _____

Company: _____

Email: _____

ENVIRONMENT & VEHICLE LEGISLATION COMMITTEES (Members attend meetings)	
Bus and Coach TC	
Car and Light CV TC	
Engineering Committee	
Environmental Policy Committee	
Heavy CV TC	
Trailer and Bodywork TC	

VEHICLE LEGISLATION WGs (Members attend meetings)	
Brakes WG	
Ecall T-F	
Electric Vehicle Technical WG	
Electromagnetic Compatibility WG	
Light Vehicle Powertrain WG	
Lighting and Signalling WG	
Passive Safety WG	
Towing Vehicle and Trailer Electrical Connectivity-TF	
Type Approval WG	
* TAWG-UKNTA WG	
Vehicle Manufacturers Body Repair WG	
Vehicle Security and Insurance WG	

VEHICLE LEGISLATION IGs (Members attend meetings)	
Alternators IG	
Ambulances IG	
Animal Transport IG	
ATP (International Agreement for Carriage of Perishable Goods) IG	
Braking Compatibility IG	
Brakes IG	
Bus and Coach IG	
Commercial Vehicle Telematics IG	
Dangerous Goods IG	
Diagnostics and Serial Data Communication IG	
DPV (Disabled Persons Vehicle) IG	
Electric and Hybrid Vehicle IG	
Electric Vehicle Charging IG	
Electrical Power Systems IG	
Electromagnetic Compatibility IG	
Electronics and Electrical Equipment IG	
Ergonomics IG	

VEHICLE LEGISLATION IGs Cont...	
Freight Containers (Thermal) IG	
Gas Engine IG	
Heavy Mechanical Coupling IG	
Heavy Vehicle Powertrain IG	
Hydrogen Fuel Cell IG	
Indirect Vision Devices IG	
ITS (Intelligent Transport Systems) IG	
Light Mechanical Couplings IG	
Light Vehicle Powertrain IG	
Lighting and Signalling IG	
Load Restraint IG	
Materials IG	
NCAP (New Car Assessment Programme) IG	
Passive Safety IG	
Published Emissions Data IG	
Replacement Brake Linings IG	
Road Tank IG	
Roof Rack IG	
Sheet Steel Rationalisation IG	
Sideguards and Rear Underrun IG	
Speed Limiters IG	
Spray Suppression IG	
Steering IG	
Swap Bodies (Tanks) IG	
Swap Bodies (Thermal) IG	
Swap Bodies – General Cargo IG	
Tachograph IG	
Taxi IG	
TIR (Transport Under Customs Cover) IG	
Trailer and Bodywork IG	
Trailer Registration IG	
Truck IG	
Type Approval IG	
Tyre and Wheel IG	
Vehicle Glazing IG	
Vehicle Handling IG	
Vehicle Security and Insurance IG	
Weights and Dimensions IG	

INNOVATION AND E-MOBILITY GROUPS (Members attend meetings)	
Design and Engineering Group	
Electric Vehicle WG	

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	

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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PLEASE NOTE:	
Only SMMT members can join the Technical Committees (TCs), Working Groups (WGs) and Interest Groups (IGs).	
If you would like to join a TC, WG or an IG, please complete this form and return it to the Department Administrator	
Please contact us by fax or email: PPVL@smmt.co.uk Fax: 020 7344 1676	
Thank you	