

# Public Policy and Vehicle Legislation Department

Technical Bulletin  
Issue 2013 - 06



THE SOCIETY OF  
MOTOR MANUFACTURERS  
AND TRADERS LIMITED

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## Disclaimer

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## ORDERING OF CIRCULARS

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The following TEC Circulars were issued by SMMT Vehicle Legislation and Environment Teams, which are a part of the Public Policy and Vehicle Legislation Department during **June 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](http://www.smmt.co.uk).

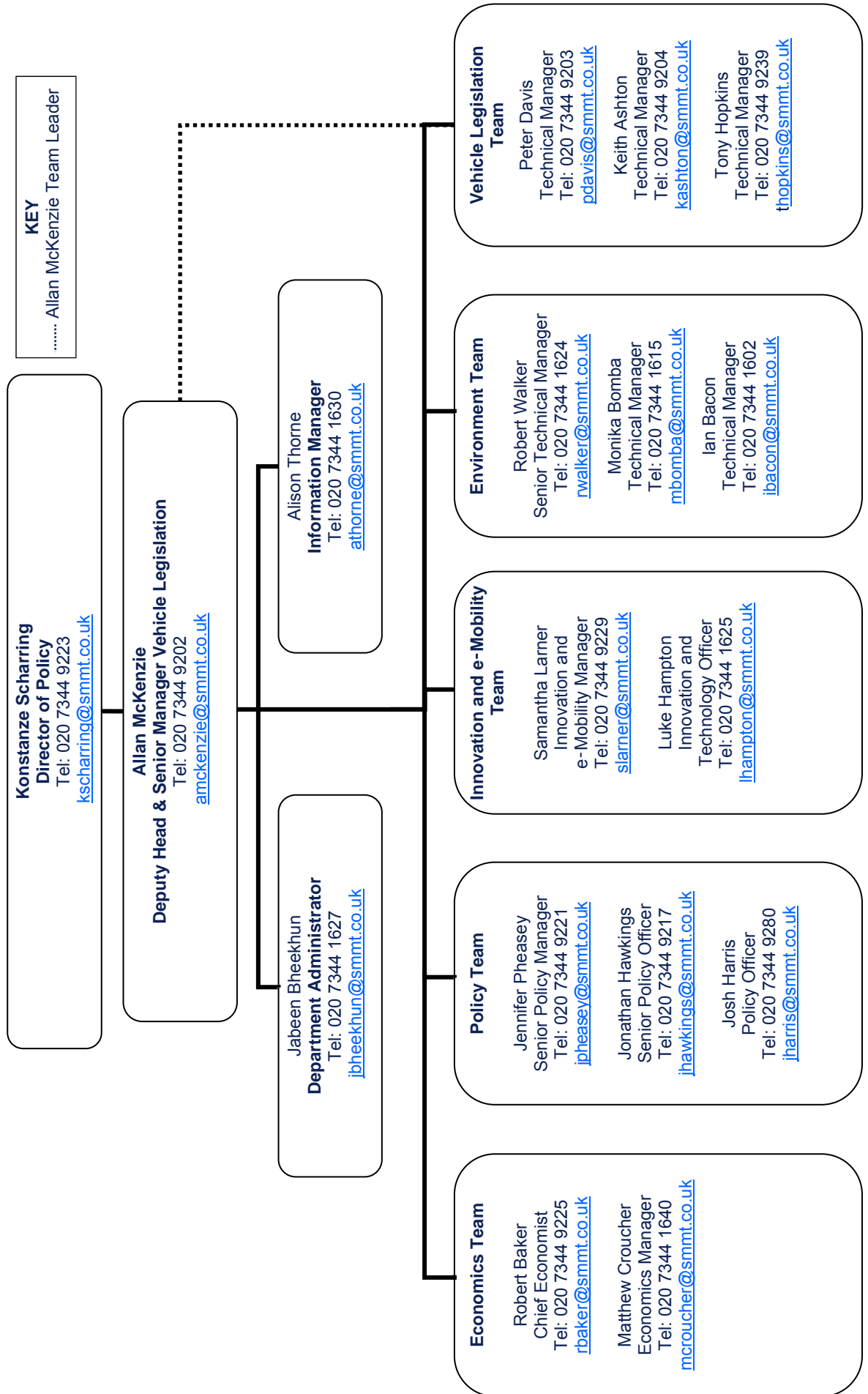
Requests for TECs should be emailed directly to me at: [athorne@smmt.co.uk](mailto:athorne@smmt.co.uk), and I will forward them to you by return of email. We are aware that some email systems may restrict the size of attachments, and the email formatting. If your emails are restricted in any way, please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

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

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

Thank you for your co-operation.

Alison Thorne  
**Information Manager**



# SUBJECT COVERAGE

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

## Administration

- Regulations

## Braking, Handling, Wheels and Tyres

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

## Certification

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

## Driver and Vehicle Licensing

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

## Electrical and Electronics

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

## Engines

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

## Environment

- Air Quality
- Bio-fuels
- CRC (Carbon Reduction Commitment)
- CFCs (Chlorofluorocarbons)
- Climate Change
- Climate Change Levy
- CO<sub>2</sub>
- Congestion Charging
- Corporate Social Responsibility
- Emissions
- Emissions Trading – mobile/stationary sources
- End of Life (ELV)
- Energy
- Environmental Liability
- Environmental Management
- Environmental Permitting (EP)
- Fuel Economy
- Fuel Specifications
- Future Fuels
- Future Vehicles
- Greenhouse Gases
- Heating Systems
- HFCs (Hydrofluorocarbons)
- Hybrid Vehicles
- Hydrocarbons
- Hydrogen Fuel
- IPPC
- Labelling
- Landfill
- Low Emission Zone
- Lubricants
- Manufacture
- Noise
- Packaging
- Particulates
- Recycling
- Refrigerants
- Refuse Vehicles
- Regulatory Emissions, Local and Regional Air Quality
- Scrappage
- Sustainability
- Sustainable Mobility
- Toxic and Hazardous Materials
- Vehicle Disposal and Recycling
- Vibration
- VOCs - Volatile Organic Compounds
- Waste Management
- WEEE

## Industrial Standards

- Mainly items circulated by BSI
- Regulations

## ITS

- Congestion Charging

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### **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

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### Category M:

- M Motor vehicles with at least four wheels designed and constructed for the carriage of passengers.
- at least four wheels or
  - with three wheels and a maximum weight over 1 tonne
  - [articulated vehicles of two non-separable, articulated units shall be considered as single vehicles]
- M<sub>1</sub> Vehicles designed and constructed for the carriage of passengers and comprising no more than eight seats in addition to the driver's seat.
- M<sub>2</sub> Vehicles designed and constructed for the carriage of passengers, comprising of more than eight seats in addition to the driver's seat, and having a maximum mass not exceeding 5 tonnes.
- M<sub>3</sub> Vehicles designed and constructed for the carriage of passengers, comprising of more than eight seats in addition to the driver's seat, and having a maximum mass exceeding 5 tonnes.

### Category N:

- N Motor vehicles with at least four wheels designed and constructed for the carriage of goods.
- N<sub>1</sub> Vehicles designed and constructed for the carriage of goods and having a maximum mass not exceeding 3,5 tonnes.
- N<sub>2</sub> Vehicles designed and constructed for the carriage of goods and having a maximum mass over 3,5 tonnes but not exceeding 12 tonnes.
- N<sub>3</sub> Vehicles designed and constructed for the carriage of goods and having a maximum mass exceeding 12 tonnes.

### Category O:

- O: Trailers (including semi-trailers)
- O<sub>1</sub> Trailers with a maximum mass not exceeding 0,75 tonnes.
- O<sub>2</sub> Trailers with a maximum mass exceeding 0,75 tonnes but not exceeding 3,5 tonnes.
- O<sub>3</sub> Trailers with a maximum mass exceeding 3,5 tonnes, but not exceeding 10 tonnes.
- O<sub>4</sub> Trailers with a maximum mass exceeding 10 tonnes.

### Other Categories:

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

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

### Administration

**TEC/2012/388**

**OFFICIAL REPORT AND ADDENDUM FROM THE MARCH 2012 RID/ADR JOINT MEETING (19TH - 23RD MARCH 2012)**

Category: O, N, CMP

Circulation: Road Tank IG, Dangerous Goods IG, ITS IG, ELV WG, Packaging Waste IG

Size: 103 KB

Attached pages: 1

Advised of the availability the official report from the session, together with the report from the Working Group on Tanks.

**TEC/2012/389**

**PUBLICATION OF CARS 21 FINAL REPORT**

Category: M, N

Circulation: Engineering Committee, Environmental Policy Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Light Vehicle Powertrain WG, ITS IG, Electric and Hybrid Vehicle IG, Electric Vehicle WG (All), Noise WG, Sustainability WG

Size: 188 KB

Attached pages: 9

Circulated for information a copy of the Executive Summary from the final Report from the CARS 21 High Level Group.

**TEC/2012/391**

**OICA 73RD GERF (BRAKES AND RUNNING GEAR) MEETING 12 - 15 JUNE 2012 : ADDITIONAL DRAFT AGENDA ITEM AND DOCUMENT**

Category: CMP, M, N

Circulation: Brakes IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Car and Light CV TC, Low Volume Manufacturers Working Group, Truck IG (Motor Vehicles), Type Approval IG (Motor Vehicles), Replacement Brake Linings IG

Size: 134 KB

Attached pages: 3

Additional draft agenda item for the 73rd GERF on the 12 - 15 June 2012

**TEC/2012/392**

**OICA 73RD GERF (BRAKES AND RUNNING GEAR) MEETING 12 - 15 JUNE 2012 : DRAFT AGENDA, FURTHER ADDITIONAL ITEMS**

Category: CMP, M, N

Circulation: Brakes IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Car and Light CV TC, Low Volume Manufacturers Working Group, Type Approval IG (Motor Vehicles), Truck IG (Motor Vehicles)

Size: 283 KB

Attached pages: 11

Additional items for attachment to the draft agenda for the 73rd GERF Meeting 12 - 15 June 2012

**TEC/2012/408**

**DRAFT SUMMARY MINUTES FROM THE 119TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, M, N, O

Circulation: Heavy Vehicle Powertrain IG, Light Vehicle Powertrain WG, ITS IG, Car and Light CV TC, Heavy CV TC, Type Approval WG, Bus and Coach TC, Vehicle Security and Insurance WG, Hydrogen Fuel Cell IG, Fuels WG, Brakes WG, Tyre and Wheel IG, Passive Safety WG, Trailer and Bodywork TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Weights and Dimensions IG

Size: 184 KB

Attached pages: 11

Draft Minutes from the meeting held on 1st February 2012.



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**TEC/2012/409**

**DRAFT AGENDA FOR THE 120TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, 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 WG, Light Vehicle Powertrain WG, Environmental Policy Committee, Passive Safety WG, Hydrogen Fuel Cell IG, ELV WG, Heavy Vehicle Powertrain IG, Brakes WG, Electric Vehicle Technical WG (All), Engineering Committee, Lighting and Signalling WG, Noise WG, Electromagnetic Compatibility WG, Vehicle Security and Insurance WG

Size: 281 KB

Attached pages: 6

Draft agenda for the meeting to be held 11th July.

**TEC/2012/430**

**AUTOMOTIVE COUNCIL TECHNOLOGY GROUP: MINUTES OF THE MEETING HELD ON 18TH APRIL 2012**

Category: All

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

Size: 208 KB

Attached pages: 8

Automotive Council Secretariat supplied Minutes.

**TEC/2012/434**

**CO2 & ECO-INNOVATION: MANUAL RECORDING IN UK RATHER THAN VIA AFRL/V55**

Category: M1, N1

Circulation: Environmental Policy Committee, Type Approval IG, Light Vehicle Powertrain IG

Size: 139 KB

Attached pages: 3

The attached is a draft note from DfT, it is not a request for information yet. They are seeking SMMT members' views on the workability of their proposal to collect eco-innovation data from OEMs in the form of an Excel or CSV file. As discussed at the April EPC meeting, we understand this is workable because the number of vehicles with eco-innovations is expected to be small.

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

**TEC/2012/391**

**OICA 73RD GERF (BRAKES AND RUNNING GEAR) MEETING 12 - 15 JUNE 2012 : ADDITIONAL DRAFT AGENDA ITEM AND DOCUMENT**

Category: CMP, M, N

Circulation: Brakes IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Car and Light CV TC, Low Volume Manufacturers Working Group, Truck IG (Motor Vehicles), Type Approval IG (Motor Vehicles), Replacement Brake Linings IG

Size: 134 KB

Attached pages: 3

Additional draft agenda item for the 73rd GERF on the 12 - 15 June 2012

**TEC/2012/392**

**OICA 73RD GERF (BRAKES AND RUNNING GEAR) MEETING 12 - 15 JUNE 2012 : DRAFT AGENDA, FURTHER ADDITIONAL ITEMS**

Category: CMP, M, N

Circulation: Brakes IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Car and Light CV TC, Low Volume Manufacturers Working Group, Type Approval IG (Motor Vehicles), Truck IG (Motor Vehicles)

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Attached pages: 11

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Category: CMP, M, N, O

Circulation: Heavy Vehicle Powertrain IG, Light Vehicle Powertrain WG, ITS IG, Car and Light CV TC, Heavy CV TC, Type Approval WG, Bus and Coach TC, Vehicle Security and Insurance WG, Hydrogen Fuel Cell IG, Fuels WG, Brakes WG, Tyre and Wheel IG, Passive Safety WG, Trailer and Bodywork TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Weights and Dimensions IG

Size: 184 KB

Attached pages: 11

Draft Minutes from the meeting held on 1st February 2012.

**TEC/2012/409**

**DRAFT AGENDA FOR THE 120TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, 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 WG, Light Vehicle Powertrain WG, Environmental Policy Committee, Passive Safety WG, Hydrogen Fuel Cell IG, ELV WG, Heavy Vehicle Powertrain IG, Brakes WG, Electric Vehicle Technical WG (All), Engineering Committee, Lighting and Signalling WG, Noise WG, Electromagnetic Compatibility WG, Vehicle Security and Insurance WG

Size: 281 KB

Attached pages: 6

Draft agenda for the meeting to be held 11th July.

**TEC/2012/422**

**INFORMAL NOTES AND ADDITIONAL DOCUMENTS FROM THE 73RD MEETING OF THE OICA GROUP OF EXPERTS ON BRAKES AND RUNNING GEAR (GERF) PARIS 12-15 JUNE 2012**

Category: M, N, O

Circulation: Brakes IG (Motor Vehicles), Braking Compatibility IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Heavy Mechanical Couplings IG (Motor Vehicles), Replacement Brake Linings IG (Motor Vehicles), Truck IG (Motor Vehicles), Type Approval IG (Motor Vehicles), Tyre and Wheel IG (Motor Vehicles)

Size: 641 KB

Attached pages: 32

Summary notes from OICA relating to the 73rd GERF Meeting.

**TEC/2012/423**

**CLEPA /OICA INFORMAL NOTES AND ADDITIONAL DOCUMENTS FROM THE 73RD MEETING OF THE OICA GROUP OF EXPERTS ON BRAKES AND RUNNING GEAR (GERF) PARIS 12-15 JUNE 2012**

Category: M, N, O

Circulation: Brakes IG (Component and Systems), Braking Compatibility IG (Component and Systems), Bus and Coach IG (Component and Systems), Heavy Mechanical Couplings IG (Component and Systems), Replacement Brake Linings IG (Component and Systems), Type Approval IG (Component and Systems), Tyre and Wheel IG (Component and Systems)

Size: 408 KB

Attached pages: 18

CLAPA / OICA summary notes and additional documents from the 73rd GERF Meeting

**TEC/2012/424**

**AUTOMATIC CONNECTIONS BETWEEN TOWING AND TOWED VEHICLES - INDUSTRY COMMENTS ON ACV PROPOSALS**

Category: N, O

Circulation: Brakes IG, Heavy Mechanical Couplings IG, Lighting and Signalling IG, Trailer and Bodywork IG, Truck IG

Size: 155 KB

Attached pages: 2

Document submitted by Dr Colin Ross to alert GRRF about the ACV informal group current direction of work

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**TEC/2012/431**

**COMMISSION REGULATION (EU) NO 523/2012, AMENDING COMMISSION REGULATION (EC) NO 661/2009 (GENERAL SAFETY REGULATION), PUBLISHED IN THE OJ**

Category: M, N, O

Circulation: Brakes IG, Braking Compatibility IG, Truck IG, Heavy Mechanical Couplings IG, Light Mechanical Couplings IG, Tyre and Wheel IG, Bus and Coach IG, Car and Light CV TC

Size: 40 KB

Attached pages: 1

Amendment to Annex IV of the GSR to update and include new requirements.

**TEC/2012/432**

**OUTCOMES OF THE GRRF BRAKING COMPATIBILITY MEETING HELD ON THE 26 JUNE 2012**

Category: N, O

Circulation: Brakes IG, Braking Compatibility IG, Trailer and Bodywork IG, Truck IG

Size: 39 KB

Attached pages: 1

Outcomes of the GRRF meeting on the 26 June 2012 to discuss proposals from Denmark concerning braking compatibility.

**TEC/2012/436**

**TYRE LABELLING - GUIDANCE APPLYING TO SMMT MEMBERS**

Category: CMP, M, N, O

Circulation: Type Approval IG, Tyre and Wheel IG, Brakes IG, Bus and Coach IG, Heavy CV TC, Car and Light CV TC, Truck IG, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Environmental Policy Committee, Noise IG, Bus and Coach Section, Commercial Vehicle Section, Aftermarket Section, Trailer and Bodywork IG

Size: 125 KB

Attached pages: 3

Please see attached some information that should help OEMs, trailer suppliers and dealer networks to assess their responsibilities from 1 November. This relates to both labelling and information in marketing/product brochures and in some instances displaying the information on the invoice/bill. SMMT is also keen to confirm members' views on adding more criteria to the label.

## **Certification**

**TEC/2012/391**

**OICA 73RD GERF (BRAKES AND RUNNING GEAR) MEETING 12 - 15 JUNE 2012 : ADDITIONAL DRAFT AGENDA ITEM AND DOCUMENT**

Category: CMP, M, N

Circulation: Brakes IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Car and Light CV TC, Low Volume Manufacturers Working Group, Truck IG (Motor Vehicles), Type Approval IG (Motor Vehicles), Replacement Brake Linings IG

Size: 134 KB

Attached pages: 3

Additional draft agenda item for the 73rd GERF on the 12 - 15 June 2012

**TEC/2012/392**

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Size: 283 KB

Attached pages: 11

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**TEC/2012/408**

**DRAFT SUMMARY MINUTES FROM THE 119TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, M, N, O

Circulation: Heavy Vehicle Powertrain IG, Light Vehicle Powertrain WG, ITS IG, Car and Light CV TC, Heavy CV TC, Type Approval WG, Bus and Coach TC, Vehicle Security and Insurance WG, Hydrogen Fuel Cell IG, Fuels WG, Brakes WG, Tyre and Wheel IG, Passive Safety WG, Trailer and Bodywork TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Weights and Dimensions IG

Size: 184 KB

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Size: 281 KB

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**TEC/2012/423**

**CLEPA /OICA INFORMAL NOTES AND ADDITIONAL DOCUMENTS FROM THE 73RD MEETING OF THE OICA GROUP OF EXPERTS ON BRAKES AND RUNNING GEAR (GERF) PARIS 12-15 JUNE 2012**

Category: M, N, O

Circulation: Brakes IG (Component and Systems), Braking Compatibility IG (Component and Systems), Bus and Coach IG (Component and Systems), Heavy Mechanical Couplings IG (Component and Systems), Replacement Brake Linings IG (Component and Systems), Type Approval IG (Component and Systems), Tyre and Wheel IG (Component and Systems)

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Size: 40 KB

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**CO2 & ECO-INNOVATION: MANUAL RECORDING IN UK RATHER THAN VIA AFRL/V55**

Category: M1, N1

Circulation: Environmental Policy Committee, Type Approval IG, Light Vehicle Powertrain IG

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**TEC/2012/436**

**TYRE LABELLING - GUIDANCE APPLYING TO SMMT MEMBERS**

Category: CMP, M, N, O

Circulation: Type Approval IG, Tyre and Wheel IG, Brakes IG, Bus and Coach IG, Heavy CV TC, Car and Light CV TC, Truck IG, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Environmental Policy Committee, Noise IG, Bus and Coach Section, Commercial Vehicle Section, Aftermarket Section, Trailer and Bodywork IG

Size: 125 KB

Attached pages: 3

Please see attached some information that should help OEMs, trailer suppliers and dealer networks to assess their responsibilities from 1 November. This relates to both labelling and information in marketing/product brochures and in some instances displaying the information on the invoice/bill. SMMT is also keen to confirm members' views on adding more criteria to the label.

## Driver and Vehicle Licensing

**TEC/2012/394**

**SUPPLY OF VIN DATA TO BVRLA AND EBBON-DACS: CONCERNS RAISED AND FUTURE ACTION**

Category: M, N, O

Circulation: Safety Recall WG

Size: 78 KB

Attached pages: 3

E-mail from Paul Everitt to Car Section members' in response to TEC/2012/326.

**TEC/2012/426**

**COMMISSION DRAFT PROPOSAL ON ROADWORTHINESS TESTING AND VEHICLE REGISTRATION**

Category: M, N, O

Circulation: Ambulance IG, Brakes WG, Indirect Vision Devices IG, Vehicle Glazing IG, Lighting and Signalling WG, Tyre and Wheel IG, Light Mechanical Couplings IG, Heavy Mechanical Couplings IG, Heavy Vehicle Powertrain IG, Light Vehicle Powertrain WG, Passive Safety WG, Vehicle Security and Insurance WG, Noise WG, Electromagnetic Compatibility WG, Taxi IG, Bus and Coach TC, Heavy CV TC, Light Trailer and Trailer Equipment Section, Car and Light CV TC, Low Volume Manufacturers Working Group, Trailer and Bodywork TC, Policy Co-ordination Committee

Size: 763 KB

Attached pages: 212

A Commission draft proposal that will be sent to the European Parliament and Council for consideration under the Co-decision procedure.

## Electrical and Electronics

**TEC/2012/387**

**EV SMARTMETERING – LATEST DOCUMENTS ISSUED BY BSI**

Category: CMP, M, MFR, N, O

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

Size: 498 KB

Attached pages: 71

Latest information from BSI/SMG-1 regarding the CEN/CENELEC/ETSI JWG activities on Pan-European Smart Metering

## Engines

**TEC/2012/389**

**PUBLICATION OF CARS 21 FINAL REPORT**

Category: M, N

Circulation: Engineering Committee, Environmental Policy Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Light Vehicle Powertrain WG, ITS IG, Electric and Hybrid Vehicle IG, Electric Vehicle WG (All), Noise WG, Sustainability WG

Size: 188 KB

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**TEC/2012/409****DRAFT AGENDA FOR THE 120TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, 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 WG, Light Vehicle Powertrain WG, Environmental Policy Committee, Passive Safety WG, Hydrogen Fuel Cell IG, ELV WG, Heavy Vehicle Powertrain IG, Brakes WG, Electric Vehicle Technical WG (All), Engineering Committee, Lighting and Signalling WG, Noise WG, Electromagnetic Compatibility WG, Vehicle Security and Insurance WG

Size: 281 KB

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Draft agenda for the meeting to be held 11th July.

## Environment

**TEC/2012/382****NEW CAR/VAN CO2 - SMMT MEETING WITH PHILIP OWEN, DG CLIMATE ACTION**

Category: M1, N1

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

Size: 81 KB

Attached pages: 3

Herewith a note of the SMMT meeting with Philip Owen on 29 May to discuss progress with the 2012 Commission review and to explain the SMMT position (TEC/247), particularly focussing on small volume derogations. Updates were also provided on the forthcoming Commission Communication on post-2020 CO2 strategy and the Labelling Directive review.

**TEC/2012/383****CO2 LABEL – DFT CONSULTATION ON AMENDMENTS TO UK REGULATIONS (BRINGING EVs INTO SCOPE FOR LABEL/MARKETING MATERIALS; REDUCING MINIMUM SIZE OF STATUTORY PART OF LABEL)**

Category: M1

Circulation: Environmental Policy Committee, Car Label Group, Electric Vehicle WG (members only), Type Approval WG, Engineering Committee, Policy Co-ordination Committee, Car and Light CV TC, Light Vehicle Powertrain IG

Size: 459 KB

Attached pages: 0

DfT proposals to amend the Passenger Car (Fuel Consumption and CO2 Emissions Information) Regulations to: 1) bring pure electric vehicles into scope of the Regulations by 3 January 2013, in line with European law, and 2) reduce the specified minimum area set aside for the mandatory CO2 information on the fuel economy label.

**TEC/2012/384****ELV ANNEX II, ENTRY 8 i – START OF INTER-SERVICE CONSULTATION**

Category: None

Circulation: ELV WG, Automotive Components Section, Low Volume Manufacturers Working Group

Size: 37 KB

Attached pages: 1

Further to TEC2012/206, the Commission decided to follow the automotive industry recommendation to extend the expiry date of the exemption 8(i) to 1 January 2016, rather than follow the Öko-Institute suggestion (1 January 2015).

**TEC/2012/389****PUBLICATION OF CARS 21 FINAL REPORT**

Category: M, N

Circulation: Engineering Committee, Environmental Policy Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Light Vehicle Powertrain WG, ITS IG, Electric and Hybrid Vehicle IG, Electric Vehicle WG (All), Noise WG, Sustainability WG

Size: 188 KB

Attached pages: 9

Circulated for information a copy of the Executive Summary from the final Report from the CARS 21 High Level Group.

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**TEC/2012/393**

**SMMT DRAFT RESPONSE TO CARBON REDUCTION COMMITMENT (CRC) CONSULTATION - COMMENTS BY 14 JUNE**

Category: All

Circulation: Manufacturing Energy and Trading Schemes WG, Environmental Policy Committee, Policy Co-ordination Committee

Size: 367 KB

Attached pages: 0

Please find attached SMMT draft response to the DECC 'Consultation on simplifying the CRC energy efficiency scheme'. Members are asked to provide comments by close of play on Thursday 14 June to [mcroucher@smmt.co.uk](mailto:mcroucher@smmt.co.uk)

**TEC/2012/397**

**1st MEETING CO2 SPECIAL WORKING GROUP (SWG) 'TRAILER': MINUTES AND WORKING DOCUMENTS**

Category: O3, O4

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 1645 KB

Attached pages: 45

Circulated the Minutes and working documents from the meeting.

**TEC/2012/398**

**NEW CAR/VAN CO2 - LEAKED REVIEW PROPOSAL**

Category: M1, N1

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

Size: 45 KB

Attached pages: 1

The Guardian has leaked the DRAFT proposal for inter-service consultation on the CO2 Regulation review. It is as expected after our recent meeting with Philip Owen (TEC/382), including a proposal for niche to have a 45% reduction target on 2007. It also commits to a review by end of 2014 to propose targets for 2025 and 2030.

**TEC/2012/400**

**UK CO2 LABEL REDESIGN: DRAFT LOWCVP REPORT TO CABINET OFFICE**

Category: M1

Circulation: Environmental Policy Committee, Car Label Group, Electric Vehicle WG (members only), Type Approval WG, Engineering Committee, Policy Co-ordination Committee, Car and Light CV TC, Light Vehicle Powertrain IG

Size: 3512 KB

Attached pages: 68

Please see attached the draft LowCVP report to Cabinet Office on the label redesign project (summary and 10 recommendations on pages 7-10). We are keen to consult members thoroughly before it is submitted and DfT agree there is no great urgency from their side. Reference TEC/309 (draft designs and questions on whether to adopt them) and TEC/383 (DfT amendments to include EVs in scope of labelling regs).

**TEC/2012/403**

**EU RULES ON BATTERY RECYCLING PUBLISHED**

Category: None

Circulation: ELV Battery Recycling Sub-group

Size: 45 KB

Attached pages: 1

Further to TEC2012/038, rules for calculating the efficiency of battery recycling processes were published in the EU's official journal on 11 June 2012.



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**TEC/2012/406**

**2ND MEETING CLCCR CO2 SPECIAL WORKING GROUP (SWG) 'TRAILER': DRAFT AGENDA**

Category: O3, O4

Circulation: Trailer and Bodywork IG (Trailer and Bodywork)

Size: 339 KB

Attached pages: 2

Circulated the agenda and working document for the kick-off meeting of SWG 'Trailer' to be held on Thursday May 24th at the VDA Offices in Berlin.

**TEC/2012/407**

**E10 IMPLEMENTATION INFORMATION - NOTES FROM THE LAST LOWCVP MEETING AND CONSUMER INFORMATION USED DURING THE SWITCH TO UNLEADED PETROL**

Category: N, M, NRMM

Circulation: Fuels WG, Future Fuels Strategy IG, Car and Light CV TC, Engineering Committee, Environmental Policy Committee, Light Vehicle Powertrain IG, Low Volume Manufacturers Working Group

Size: 8962 KB

Attached pages: 2

Low CVP E10 working group meeting update

**TEC/2012/411**

**CLIMATE CHANGE AGREEMENT - DECC PROPOSAL FOR NEW CCA TARGET - 15%**

Category: All

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

Size: 159 KB

Attached pages: 5

DECC proposal for the automotive sector CCA - a 15% reduction in relative energy efficiency by 2020 relative to a 2008 baseline. SMMT has until the 13 July to accept or reject the proposal, and if we reject it we then have until 14 September to provide a counter proposal. Target will be discussed at the METS meeting on 27 June.

**TEC/2012/412**

**SMMT E10 COMPATIBILITY LIST – FOR COMMENT AND APPROVAL**

Category: M, N, NRMM

Circulation: Fuels WG, Future Fuels Strategy IG, Heavy CV TC, Car and Light CV TC, Off-Highway Engine and Equipment WG, Light Vehicle Powertrain IG, Environmental Policy Committee, Low Volume Manufacturers Working Group

Size: 236 KB

Attached pages: 13

The Aim of the SMMT E10 compatibility list is to provide a detailed and accessible document as a single point of reference to show which cars are compatible on E10, (up to 10% ethanol in the UK petrol pump fuel) and which are not based on the simplest cut-off point (e.g. Manufacturers/Date/model)

**TEC/2012/414**

**DFT BRIEFING SESSION ON TRANSPORTATION OF DANGEROUS GOOD – BATTERIES**

Category: None

Circulation: ELV Battery Recycling Sub-group

Size: 821 KB

Attached pages: 24

Please find attached six the papers on electric storage systems (batteries) discussed by Dft Dangerous Goods Division last week, ahead of the forthcoming 41st session of the UN Sub-Committee on the Transport of Dangerous Goods which will be held in Geneva later this month.

**TEC/2012/415**

**COMMISSION REGULATION NO 459/2012 LIGHT PASSENGER CAR AND COMMERCIAL VEHICLES EURO 6 AMENDMENTS**

Category: M1, N1

Circulation: Light Vehicle Powertrain IG, Car and Light CV TC, Type Approval IG

Size: 883 KB

Attached pages: 10

Please find attached the COMMISSION REGULATION (EU) No 459/2012 of 29 May 2012 amending Regulation (EC) No 715/2007 of the European Parliament and of the Council and Commission Regulation (EC) No 692/2008 as regards emissions from light passenger and commercial vehicles (Euro 6)



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**TEC/2012/416**

**CRC - SMMT RESPONSE TO DECC CARBON REDUCTION COMMITMENT CONSULTATION**

Category: All

Circulation: Manufacturing Energy and Trading Schemes WG, Environmental Policy Committee, Policy Co-ordination Committee

Size: 166 KB

Attached pages: 8

SMMT's response to the Carbon Reduction Commitment (CRC) consultation by DECC.

**TEC/2012/421**

**UPDATE ON M&R AND A&V GUIDANCE**

Category: None

Circulation: Manufacturing Energy and Trading Schemes WG

Size: 8764 KB

Attached pages: 0

Please find attached updates circulated by DECC on Monitoring & Reporting and Accreditation & Verification.

The attached documents include:

**TEC/2012/425**

**GHG REPORTING MADE MANDATORY FOR LISTED FIRMS**

Category: None

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

Size: 97 KB

Attached pages: 1

The UK government recently announced that all companies listed on London Stock Exchange will be required to report their greenhouse emissions from April 2013.

**TEC/2012/428**

**PORTABLE BATTERY COLLECTION RATE – Q1**

Category: None

Circulation: ELV WG

Size: 110 KB

Attached pages: 3

The Environment Agency has recently released Q1 data for the amount of portable batteries placed on the market and collected in 2012.

**TEC/2012/434**

**CO2 & ECO-INNOVATION: MANUAL RECORDING IN UK RATHER THAN VIA AFRL/V55**

Category: M1, N1

Circulation: Environmental Policy Committee, Type Approval IG, Light Vehicle Powertrain IG

Size: 139 KB

Attached pages: 3

The attached is a draft note from DfT, it is not a request for information yet. They are seeking SMMT members' views on the workability of their proposal to collect eco-innovation data from OEMs in the form of an Excel or CSV file. As discussed at the April EPC meeting, we understand this is workable because the number of vehicles with eco-innovations is expected to be small.

**TEC/2012/435**

**VCA CAR CO2 DATABASE - ADDITION OF EV/PHEV?**

Category: M1

Circulation: Car and Light CV TC, Environmental Policy Committee, Electric Vehicle Technical WG (Motor Vehicles), Light Vehicle Powertrain IG, Electric Vehicle WG (members only) CV Manufacturers' Section

Size: 124 KB

Attached pages: 3

SMMT's EV Group is keen to add pure EVs and PHEVs to the VCA database of cars on the market (<http://carfueldata.direct.gov.uk>) in order to promote these vehicles on an equal footing to conventional ICE and hybrid cars. Any objections? Ask for electric range [km] and kWh/100km to be added? Should SMMT also ask them to make some other changes listed here?

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**TEC/2012/436**

**TYRE LABELLING - GUIDANCE APPLYING TO SMMT MEMBERS**

Category: CMP, M, N, O

Circulation: Type Approval IG, Tyre and Wheel IG, Brakes IG, Bus and Coach IG, Heavy CV TC, Car and Light CV TC, Truck IG, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Environmental Policy Committee, Noise IG, Bus and Coach Section, Commercial Vehicle Section, Aftermarket Section, Trailer and Bodywork IG

Size: 125 KB

Attached pages: 3

Please see attached some information that should help OEMs, trailer suppliers and dealer networks to assess their responsibilities from 1 November. This relates to both labelling and information in marketing/product brochures and in some instances displaying the information on the invoice/bill. SMMT is also keen to confirm members' views on adding more criteria to the label.

**TEC/2012/438**

**64th MEETING OF THE WP29 WORKING PARTY ON POLLUTION AND ENERGY (GRPE) - OICA REPORT, GENEVA, 7- 8 June 2012**

Category: M, N

Circulation: Light Vehicle Powertrain WG (Motor Vehicles), Heavy CV TC (Motor Vehicles), Environmental Policy Committee (Motor Vehicles), Fuels WG (Motor Vehicles), Low Volume Manufacturers Working Group, Car and Light CV TC

Size: 225 KB

Attached pages: 2

64th MEETING OF THE WP29 WORKING PARTY ON POLLUTION AND ENERGY (GRPE) - OICA REPORT, GENEVA, 7- 8 June 2012

**TEC/2012/440**

**NOTE OF THE TECHNICAL WORKING GROUP MEETING TO REVIEW PG 1/14**

Category: All

Circulation: Manufacturing Environment WG

Size: 98 KB

Attached pages: 4

Note of the technical working group meeting to review process guidance note 1/14 (06) Unloading of Petrol into Storage at Petrol Stations

## **Industrial Standards**

**TEC/2012/390**

**FIRST DRAFT FOR A NORMATIVE ANNEX (LIQUID FOODSTUFF TANKS) FOR INCLUSION IN THE PROPOSED CEN STANDARD ON TESTING METHODOLOGIES AND REQUIREMENTS FOR INSULATED MEANS OF TRANSPORTATION**

Category: CMP

Circulation: ATP IG, Road Tank IG

Size: 2478 KB

Attached pages: 5

First draft of Normative Annex for comment before 25th June.

**TEC/2012/395**

**CEN/TC 413 (PROJECT COMMITTEE - TESTING METHODOLOGIES AND REQUIREMENTS FOR INSULATED MEANS OF TRANSPORTATION): STATUS REPORT**

Category: CMP, N, O

Circulation: ATP IG, Road Tank IG

Size: 1722 KB

Attached pages: 93

Working documents, etc from CEN/TC 413. Comments before 25th June.

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**TEC/2012/420**

**ISO/DIS 12991 (LIQUIFIED NATURAL GAS (LNG) - FUEL TANKS FOR AUTOMOTIVE VEHICLES): FINAL DRAFT FOR APPROVAL / COMMENT**

Category: CMP, M, N

Circulation: Car and Light CV TC, Truck IG, Heavy Vehicle Powertrain IG, Light Vehicle Powertrain IG, Bus and Coach IG, Gas Engine IG

Size: 276 KB

Attached pages: 27

Attached the latest draft of the proposed new standard for approval / comment prior to publication. Comments by 28th June.

**TEC/2012/427**

**CEN/TC 413 (PROJECT COMMITTEE - TESTING METHODOLOGIES AND REQUIREMENTS FOR INSULATED MEANS OF TRANSPORTATION): FOUR ADDITIONAL WORKING DOCUMENTS**

Category: CMP, N, O

Circulation: ATP IG

Size: 620 KB

Attached pages: 41

4 additional Working documents for the next meeting of CEN/TC 413.

## **ITS**

**TEC/2012/389**

**PUBLICATION OF CARS 21 FINAL REPORT**

Category: M, N

Circulation: Engineering Committee, Environmental Policy Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Light Vehicle Powertrain WG, ITS IG, Electric and Hybrid Vehicle IG, Electric Vehicle WG (All), Noise WG, Sustainability WG

Size: 188 KB

Attached pages: 9

Circulated for information a copy of the Executive Summary from the final Report from the CARS 21 High Level Group.

**TEC/2012/396**

**ECALL - POSITION PAPER FROM THE MOTOR TRADERS & REPAIRS COUNCIL**

Category: CMP, M, MFR, MTL, N

Circulation: ITS IG, Ecall Task Force

Size: 128 KB

Attached pages: 3

Latest reports etc covering the ITS Directive and eCall

**TEC/2012/405**

**ECALL - ITS(UK) / DFT ITS DIRECTIVE WORKSHOP HELD 25TH MAY & SMMT POSITION - OPEN IN-VEHICLE PLATFORM**

Category: CMP, M, MFR, MTL, N

Circulation: Ecall Task Force, Electromagnetic Compatibility IG (Motor Vehicles)

Size: 1107 KB

Attached pages: 0

Information from the ITS (UK)/DfT ITS Directive Workshop held 25th May + SMMT draft position paper on OPEN IN-VEHICLE PLATFORM

**TEC/2012/409**

**DRAFT AGENDA FOR THE 120TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, 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 WG, Light Vehicle Powertrain WG, Environmental Policy Committee, Passive Safety WG, Hydrogen Fuel Cell IG, ELV WG, Heavy Vehicle Powertrain IG, Brakes WG, Electric Vehicle Technical WG (All), Engineering Committee, Lighting and Signalling WG, Noise WG, Electromagnetic Compatibility WG, Vehicle Security and Insurance WG

Size: 281 KB

Attached pages: 6

Draft agenda for the meeting to be held 11th July.

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## Lighting and Signalling

**TEC/2012/391**

**OICA 73RD GERF (BRAKES AND RUNNING GEAR) MEETING 12 - 15 JUNE 2012 : ADDITIONAL DRAFT AGENDA ITEM AND DOCUMENT**

Category: CMP, M, N

Circulation: Brakes IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Car and Light CV TC, Low Volume Manufacturers Working Group, Truck IG (Motor Vehicles), Type Approval IG (Motor Vehicles), Replacement Brake Linings IG

Size: 134 KB

Attached pages: 3

Additional draft agenda item for the 73rd GERF on the 12 - 15 June 2012

**TEC/2012/392**

**OICA 73RD GERF (BRAKES AND RUNNING GEAR) MEETING 12 - 15 JUNE 2012 : DRAFT AGENDA, FURTHER ADDITIONAL ITEMS**

Category: CMP, M, N

Circulation: Brakes IG (Motor Vehicles), Bus and Coach IG (Motor Vehicles), Car and Light CV TC, Low Volume Manufacturers Working Group, Type Approval IG (Motor Vehicles), Truck IG (Motor Vehicles)

Size: 283 KB

Attached pages: 11

Additional items for attachment to the draft agenda for the 73rd GERF Meeting 12 - 15 June 2012

## Safety and Security

**TEC/2012/389**

**PUBLICATION OF CARS 21 FINAL REPORT**

Category: M, N

Circulation: Engineering Committee, Environmental Policy Committee, Car and Light CV TC, Heavy CV TC, Bus and Coach TC, Light Vehicle Powertrain WG, ITS IG, Electric and Hybrid Vehicle IG, Electric Vehicle WG (All), Noise WG, Sustainability WG

Size: 188 KB

Attached pages: 9

Circulated for information a copy of the Executive Summary from the final Report from the CARS 21 High Level Group.

**TEC/2012/394**

**SUPPLY OF VIN DATA TO BVRLA AND EBBON-DACS: CONCERNS RAISED AND FUTURE ACTION**

Category: M, N, O

Circulation: Safety Recall WG

Size: 78 KB

Attached pages: 3

E-mail from Paul Everitt to Car Section members' in response to TEC/2012/326.

**TEC/2012/404**

**RETRO-FITTING OF MIRRORS TO HEAVY GOODS VEHICLES: COMMISSION REPORT ON THE IMPLEMENTATION OF DIRECTIVE 2007/38/EC**

Category: N2, N3

Circulation: Truck IG, Indirect Vision Devices IG

Size: 259 KB

Attached pages: 17

Copy of the report attached.

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**TEC/2012/408**

**DRAFT SUMMARY MINUTES FROM THE 119TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, M, N, O

Circulation: Heavy Vehicle Powertrain IG, Light Vehicle Powertrain WG, ITS IG, Car and Light CV TC, Heavy CV TC, Type Approval WG, Bus and Coach TC, Vehicle Security and Insurance WG, Hydrogen Fuel Cell IG, Fuels WG, Brakes WG, Tyre and Wheel IG, Passive Safety WG, Trailer and Bodywork TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Weights and Dimensions IG

Size: 184 KB

Attached pages: 11

Draft Minutes from the meeting held on 1st February 2012.

**TEC/2012/409**

**DRAFT AGENDA FOR THE 120TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, 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 WG, Light Vehicle Powertrain WG, Environmental Policy Committee, Passive Safety WG, Hydrogen Fuel Cell IG, ELV WG, Heavy Vehicle Powertrain IG, Brakes WG, Electric Vehicle Technical WG (All), Engineering Committee, Lighting and Signalling WG, Noise WG, Electromagnetic Compatibility WG, Vehicle Security and Insurance WG

Size: 281 KB

Attached pages: 6

Draft agenda for the meeting to be held 11th July.

**TEC/2012/433**

**OICA NOTES OF THE 51st GRSP MEETING**

Category: All

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

Size: 183 KB

Attached pages: 15

OICA notes of the 51st meeting of GRSP held in Geneva 21-25 May 2012

## **Transport Systems**

**TEC/2012/388**

**OFFICIAL REPORT AND ADDENDUM FROM THE MARCH 2012 RID/ADR JOINT MEETING (19TH - 23RD MARCH 2012)**

Category: O, N, CMP

Circulation: Road Tank IG, Dangerous Goods IG, ITS IG, ELV WG, Packaging Waste IG

Size: 103 KB

Attached pages: 1

Advised of the availability the official report from the session, together with the report from the Working Group on Tanks.

**TEC/2012/390**

**FIRST DRAFT FOR A NORMATIVE ANNEX (LIQUID FOODSTUFF TANKS) FOR INCLUSION IN THE PROPOSED CEN STANDARD ON TESTING METHODOLOGIES AND REQUIREMENTS FOR INSULATED MEANS OF TRANSPORTATION**

Category: CMP

Circulation: ATP IG, Road Tank IG

Size: 2478 KB

Attached pages: 5

First draft of Normative Annex for comment before 25th June.

**TEC/2012/395**

**CEN/TC 413 (PROJECT COMMITTEE - TESTING METHODOLOGIES AND REQUIREMENTS FOR INSULATED MEANS OF TRANSPORTATION): STATUS REPORT**

Category: CMP, N, O

Circulation: ATP IG, Road Tank IG

Size: 1722 KB

Attached pages: 93

Working documents, etc from CEN/TC 413. Comments before 25th June.

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**TEC/2012/408**

**DRAFT SUMMARY MINUTES FROM THE 119TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, M, N, O

Circulation: Heavy Vehicle Powertrain IG, Light Vehicle Powertrain WG, ITS IG, Car and Light CV TC, Heavy CV TC, Type Approval WG, Bus and Coach TC, Vehicle Security and Insurance WG, Hydrogen Fuel Cell IG, Fuels WG, Brakes WG, Tyre and Wheel IG, Passive Safety WG, Trailer and Bodywork TC, Light Trailer and Trailer Equipment Section, Low Volume Manufacturers Working Group, Weights and Dimensions IG

Size: 184 KB

Attached pages: 11

Draft Minutes from the meeting held on 1st February 2012.

**TEC/2012/409**

**DRAFT AGENDA FOR THE 120TH MEETING OF WORKING GROUP ON MOTOR VEHICLES (MVWG)**

Category: CMP, 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 WG, Light Vehicle Powertrain WG, Environmental Policy Committee, Passive Safety WG, Hydrogen Fuel Cell IG, ELV WG, Heavy Vehicle Powertrain IG, Brakes WG, Electric Vehicle Technical WG (All), Engineering Committee, Lighting and Signalling WG, Noise WG, Electromagnetic Compatibility WG, Vehicle Security and Insurance WG

Size: 281 KB

Attached pages: 6

Draft agenda for the meeting to be held 11th July.

**TEC/2012/418**

**CROSS-BORDER USE OF LONGER TRUCKS: COMMISSION PRESS RELEASE**

Category: N, O

Circulation: Commercial Vehicle Section, Heavy CV TC, Trailer and Bodywork TC, Weights and Dimensions IG, Light Trailer and Trailer Equipment Section

Size: 834 KB

Attached pages: 5

A commission press release on the conditions to be met when adjacent Member States wish to authorise longer trucks to cross the border between them.

**TEC/2012/419**

**OPERATIONAL TRIAL OF LONGER SEMI-TRAILERS: LETTER FROM THE FREIGHT MINISTER**

Category: N3, O4

Circulation: Trailer and Bodywork IG, Truck IG, Weights and Dimensions IG, Commercial Vehicle Section

Size: 147 KB

Attached pages: 3

Letter from Mike Penning in response to suggestions made at the Commercial Vehicle Show. The letter also addresses concerns expressed recently that some participants were seeking to sell their quotas.

**TEC/2012/427**

**CEN/TC 413 (PROJECT COMMITTEE - TESTING METHODOLOGIES AND REQUIREMENTS FOR INSULATED MEANS OF TRANSPORTATION): FOUR ADDITIONAL WORKING DOCUMENTS**

Category: CMP, N, O

Circulation: ATP IG

Size: 620 KB

Attached pages: 41

4 additional Working documents for the next meeting of CEN/TC 413.

## VEHICLE LEGISLATION & ENVIRONMENT TEAM MEETINGS

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June 2012	Group	Location
5	Vehicle Security & Insurance WG	Great Peter Street
5	Electric Vehicle Technical WG	“ ”
19	Environmental Policy Committee	“ ”
25	Fuels WG	“ ”
26	Hazardous WG	“ ”



## SMMT Events

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

With a focus on government's Automotive Sector Strategy, due to be 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 how to book and prices, please email: [supplychain@smmt.co.uk](mailto:supplychain@smmt.co.uk) or contact Claire Balch on [cbalch@smmt.co.uk](mailto: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](mailto:supplychain@smmt.co.uk) or 020 7344 1647.



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

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

To register for 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](mailto: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

### Driving Growth through Innovation Coventry University, Coventry 9 July 2013

Jon Beasley, Group Technology Officer at GKN plc, will deliver a keynote speech and an industry coach from GrowthAccelerator will deliver a Business Innovation Masterclass (usually chargeable but funded by BIS) as well as a visionary strategic view of the future presented by Coventry University. Please join us after lunch for an optional tour of the University's High - Performance Engineering Centre.

This event provides essential information and tools for automotive Tier 1 manufacturers and their suppliers. Places are strictly limited so please register early to avoid disappointment!

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



### Ambulex Ricoh Arena, Coventry 10 - 11 July 2013

Ambulex is the UK exhibition exclusively targeting ambulances, ambulance support, accessible community vehicles and related equipment. It attracts visitors from the public, private and volunteer transport fleet manager sectors, senior NHS Trust managers, community and accessible transport providers and international visitors and trade suppliers.

Visitors will be able to see frontline ambulances, PTS vehicles, paramedic vehicles, high performance motorcycles and cars, together with patient care, accessible, community vehicles, support equipment and services.

The event itself will provide plenty of commercial opportunities. Ambulex is aimed at making new contacts, refreshing old ones and generating new business. The focus will be on showing you the latest developments in ambulance, rescue vehicle and equipment technology with 4000m<sup>2</sup> of exhibitor space and over 90 exhibitors.

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



## **Londonderry Garage Show 2013** **Londonderry Garage, Northallerton** **10 - 11 July 2013**

Londonderry Garage hosts the largest show in the North of England dedicated to the load and waste handling industry.

Held on its 10 acre site, this annual exhibition was established more than 27 years ago and displays municipal and public service vehicles and equipment.

At Londonderry Garage, exhibitors have every opportunity to demonstrate and display their latest equipment and technology, bin lifts, street sweepers, litter bins, cranes, tankers and waste disposal vehicles.

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



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

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

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

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



## **Get Going Live!** **Donington Park, Derbyshire** **13 July 2013**

Get Going Live! is an exciting event to help young disabled or newly disabled people start driving and plan for their first adapted car.

It's free to attend and offers a first opportunity to test drive a selection of adapted vehicles, including drive-from-wheelchair WAVs, on a safe road system, accompanied by experienced professional drivers. Young people with disabilities can gain a driving licence at 16 but where to start? Here you'll receive expert advice in a friendly environment, from choosing a specialist instructor to assessment for the most appropriate adaptations and vehicles.

You must be over 14 to test drive an adapted vehicle, although younger prospective learners can practise transferring and familiarising themselves with controls. Get Going Live! is organised by national charities Disabled Motoring UK and Mobility Choice, the organisation behind the Mobility Roadshow.

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

## **Black Country Local Enterprise** **Partnership Meet the Funder Event** **Wolverhampton Racecourse** **17 July 2013**

The BCLEP and its partners are dedicated to removing barriers to business growth and acknowledge that those barriers can sometimes be financial. In response to this barrier, the BCLEP is hosting a Meet the Funder event to enable businesses to meet a range of financial providers and advisors.

The event is designed to provide the knowledge to choose the most appropriate source for funding your project, from thousands to millions of pounds. You will hear impartial advice to help you decide on the funding streams most suitable to your business need.

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



## Hybrid Powertrain 2013 London 17 – 18 July 2013

The Hybrid Powertrain 2013, Component and System Level Technological Development Summit is the first dedicated hybrid powertrain technical forum in Europe.

Hosting over 20 senior hybrid powertrain experts, you will hear highly detailed and engineering-focused briefings on achieving the optimal balance between cost, performance and commercial viability.

Delivering 70% technical and 30% strategic insights, you will benefit from briefings scrutinising technological component developments including battery, motor, engine, transmission, inverter and supercapacitors analysis, plus systems level issues including integration, packaging, control systems and thermal management.

SMMT members can receive a 15% discount to attend this event. To claim this discounted rate please enter the discount code 'SMMT15' when you complete your registration.

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



## The Caravan Club Towcar of the Year 2014 Test Days Millbrook, Bedfordshire 12 – 16 August 2013

The Caravan Club's Towcar of the Year 2014 will be held at Millbrook Proving Ground in Bedfordshire. This competition has been running for 31 years.

Manufacturers will shortly be invited to enter vehicles that will be on sale on 1 October 2013. Changes made to the competition mean the entry criteria has been extended to any vehicle available on the market. Vehicles will be competing within price classes and two-wheel drive classes. For further information, contact Sarah Simmons, [sarah.simmons@caravanclub.co.uk](mailto:sarah.simmons@caravanclub.co.uk)

To read full event 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 Caravan Club Towcar of the Year 2014 Awards Lunch RAC, Pall Mall, London 25 September 2013

The Caravan Club Towcar of the Year 2014 Awards lunch will be held at the RAC, Pall Mall, London on Wednesday 25 September 2013. For further information, contact Nikki Nichol, [nikki.nichol@caravanclub.co.uk](mailto:nikki.nichol@caravanclub.co.uk)

## 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 6,000m<sup>2</sup> 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](#)



## RAC Future Car Challenge Brighton - London 2 November 2013

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

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

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



## Regent Street Motor Show London 2 November 2013

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

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

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



## 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 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](#)



## 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](#)

## International Events and Exhibitions

### Supply Chain Business Visit to Mexico 7 – 12 July 2013

Plans are now being finalised for the SMMT Automotive Business Group visit to Mexico.

The visit itinerary will take in the three key automotive centres of Monterrey, Guanajuato and Mexico City, with members of the group able to take part in showcase seminars, one-to-one business meetings and networking receptions in each location. Additionally, there will be the opportunity to visit the PAACE Automechanika exhibition being staged the same week in Mexico City.

For more information on this unique opportunity to connect with Mexico's booming auto industry, contact Pat Shaw, SMMT International Department, tel: 020 7344 9260, e-mail: [pshaw@smmt.co.uk](mailto:pshaw@smmt.co.uk)

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

## **Global Automotive Lightweight Materials Detroit 21 – 22 August 2013**

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

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

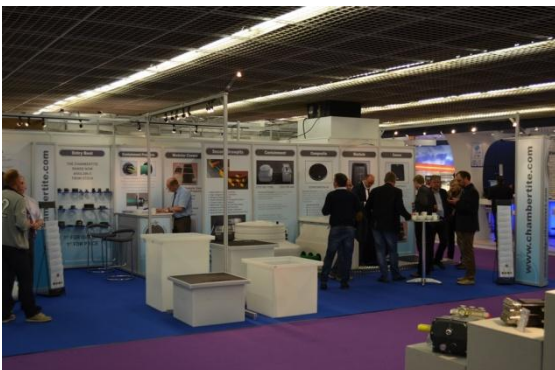
This is your opportunity to find out actual results being delivered in weight savings, amongst a backdrop of candid debate on collaborative opportunities to enable widespread adoption of advanced lightweight materials and finding the most feasible routes to achieving scale.

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

## **Automechanika Moscow, Russia 27 – 30 August 2013**

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

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



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

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

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

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



## **Equip Auto Paris, France 16 – 20 October 2013**

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

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

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

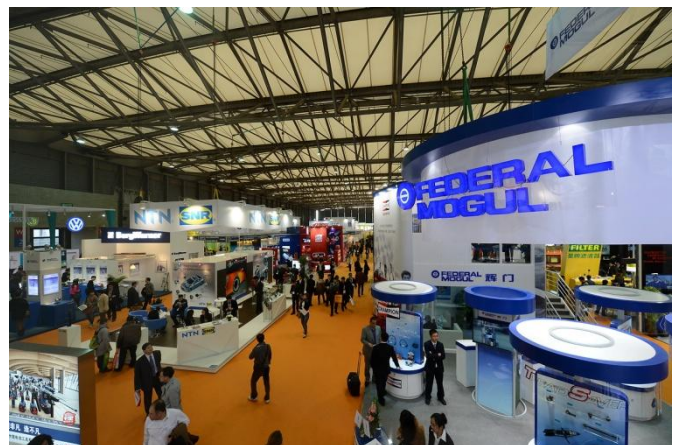


**Automechanika  
Shanghai, China  
10 - 13 December 2013**

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](mailto:sthevenet@smmt.co.uk).

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



## British Standards Under Review continued...

### **BS ISO 17398:2004**

Safety colours and safety signs. Classification, performance and durability of safety signs  
PH/8/1

### **BS ISO 17514:2004**

Time-measuring instruments. Photoluminescent deposits. Test methods and requirements  
STI/53

### **DD CEN ISO/TS 17845:2004**

Welding and allied processes. Designation system for imperfections  
WEE/1

### **BS ISO/IEC 18000-1:2008**

Information technology. Radio frequency identification for item management. Reference architecture and definition of parameters to be standardized  
IST/34

### **BS ISO 19018:2004**

Ships and marine technology. Terms, abbreviations, graphical symbols and concepts on navigation  
SME/32

### **BS ISO/IEC 19762-2:2008**

Information technology. Automatic identification and data capture (AIDC) techniques. Harmonized vocabulary. Optically readable media (ORM)  
IST/34

### **BS ISO/IEC 19762-4:2008**

Information technology. Automatic identification and data capture (AIDC) techniques. Harmonized vocabulary. General terms relating to radio communications  
IST/34

### **BS ISO/IEC 19762-5:2008**

Information technology. Automatic identification and data capture (AIDC) techniques. Harmonized vocabulary. Locating systems  
IST/34

### **BS ISO/IEC 19794-3:2006**

Information technology. Biometric data interchange formats. Finger pattern spectral data  
IST/44

### **BS ISO/IEC 19794-10:2007**

Information technology. Biometric data interchange formats. Hand geometry silhouette data  
IST/44

### **BS ISO/IEC 19795-4:2008**

Information technology. Biometric performance testing and reporting. Interoperability performance testing  
IST/44

### **BS ISO 21807:2004**

Microbiology of food and animal feeding stuffs. Determination of water activity  
AW/9

### **PD ISO/TS 22002-1:2009**

Prerequisite programmes on food safety. Food manufacturing  
AW/90

### **BS ISO 22412:2008**

Particle size analysis. Dynamic light scattering (DLS)  
LBI/37

### **BS ISO 23079:2005**

Magnesium and magnesium alloys. Returns. Requirements, classification and acceptance  
NFE/35

### **BS ISO 24610-1:2006**

Language resource management. Feature structures. Feature structure representation  
TS/1

### **BS ISO/IEC 24713-2:2008**

Information technology. Biometric profiles for interoperability and data interchange. Physical access control for employees at airports  
IST/44

### **BS ISO/IEC 26514:2008**

Software and systems engineering. Requirements for designers and developers of user documentation  
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 4368-1**

Metallic tube connectors for fluid power and general use. Split collet compression fitting  
will supersede BS 4368-1:1998  
MCE/18-/4

### **BS 7533-1**

Pavements constructed with clay, natural stone or concrete pavers. Design  
will supersede BS 7533-1:2001  
B/507

### **BS 7533-2**

Pavements constructed with clay, natural stone or concrete pavers. Guidance on installation  
will supersede BS 7533-2:2001  
B/507

### **BS 8599-2**

Motor vehicle first aid kits. Specification of equipment required and positioning in vehicles  
CH/100-/4

### **PD 7974-7**

Application of fire safety engineering principles to fire safety design of buildings. Probabilistic risk assessment  
will supersede PD 7974-7:2003  
FSH/24-/5

### **PAS 754**

Software Trustworthiness. Specification

### **CEN/TR WI 00150078**

Rough-terrain trucks. Risk assessment methodology and control system performance level determination  
MHE/7

### **EN WI 00162329**

Protective clothing to be worn by firefighters during technical rescue operations  
PH/3/2

### **EN WI 00230306**

Water quality. Guidance on methods for sampling invertebrates in the hyporheic zone of rivers  
EH/3/5

### **EN 1269**

Textile floor coverings. Assessment of impregnations in needled floor coverings by means of a soiling test  
will supersede BS EN 1269:1997+A1:2007  
PRI/3

### **EN ISO 2503:2009/A1**

Gas welding equipment. Pressure regulators and pressure regulators with flow-metering devices for gas cylinders used in welding, cutting and allied processes up to 300 bar (30 MPa)  
WEE/18

### **EN ISO 5801**

Fans. Performance testing using standardized airways  
will supersede BS EN ISO 5801:2008  
MCE/17

### **EN ISO 7291:2010/A1**

Gas welding equipment. Pressure regulators for manifold systems used in welding, cutting and allied processes up to 30 Mpa (300 bar)  
WEE/18

### **EN 12727**

Furniture. Ranked seating. Test methods and requirements for strength and durability  
will supersede BS EN 12727:2000  
FW/0/2

### **EN 13001-3-5**

Cranes. General design. Limit state and proof of competence of forged hooks  
will supersede DD CEN/TS 13001-3-5:2010  
MHE/3/1

### **EN 13155**

Cranes. Non-fixed load lifting attachments  
will supersede BS EN 13155:2003+A2:2009  
MHE/3-/12

### **EN 13201-4**

Road lighting. Methods of measuring lighting performance  
will supersede BS EN 13201-4:2003  
EU/1/2



**EN 13201-5**

Road lighting. Energy efficiency requirements  
EL/1/2

**EN 13282-2**

Hydraulic road binders. Normal hardening hydraulic road binders. Composition, specifications and conformity criteria  
B/516/14

**EN 13587**

Bitumen and bituminous binders. Determination of the tensile properties of bituminous binders by the tensile test method

will supersede BS EN 13587:2010  
B/510/19

**CEN/TS 14416**

Geosynthetic barriers. Test method for determining the resistance to roots

will supersede DD CEN/TS 14416:2005  
B/553

**EN 14439**

Cranes. Tower cranes

will supersede BS EN 14439:2006+A2:2009  
MHE/3/5

**EN 14499**

Textile floor coverings. Minimum requirements for carpet underlays

will supersede BS EN 14499:2004  
PRI/3

**EN ISO 14698**

Environments. Biocontamination control. Microbial cleanliness levels

will supersede BS EN ISO 14698-1:2003 and BS EN ISO 14698-2:2003  
LBI/30

**EN ISO 14916**

Thermal spraying. Determination of tensile adhesive strength  
STI/40

**EN ISO 14917**

Thermal spraying. Terminology, classification  
STI/40

**EN ISO 15112**

Natural gas. Energy determination

will supersede BS ISO 15112:2011  
PTI/15

**EN 15273-1**

Railway applications. Gauges. Generic explanations and methods of gauging

will supersede BS EN 15273-1:2009  
RAE/11-/12

**EN 15273-2**

Railway applications. Gauges. Rolling stock

will supersede BS EN 15273-2:2009  
RAE/11-/12

**EN 15273-3**

Railway applications. Gauges. Infrastructure

will supersede BS EN 15273-3:2009  
RAE/11-/12

**EN 15273-4**

Railway applications. Gauges. Reference profiles

RAE/11-/12

**EN 15273-5**

Railway applications. Gauges. Background, formulae demonstration, explanation and examples of calculation

RAE/11-/12

**EN 15372**

Furniture. Strength, durability and safety. Requirements for non-domestic tables

will supersede BS EN 15372:2008  
FW/0/2

**EN 15429-3**

Sweepers. Efficiency of particulate matter collection. Testing and evaluation

B/513

**EN 15429-4**

Sweepers. Symbols for operator controls and other displays

B/513

**EN 15531-1**

Public transport. Service interface for real-time information relating to public transport operations. Context and framework

will supersede DD CEN/TS 15531-1:2007  
EPL/278

**EN 15531-2**

Public transport. Service interface for real-time information relating to public transport operations. Communications infrastructure

will supersede DD CEN/TS 15531-2:2007  
EPL/278

**EN 15531-3**

Public transport. Service interface for real-time information relating to public transport operations. Functional service interfaces

will supersede DD CEN/TS 15531-3:2007  
EPL/278

**CEN/TS 15548-1**

Thermal insulation products for building equipment and industrial installations. Determination of thermal resistance by means of the guarded hot plate method. Measurements at elevated temperatures from 100°C to 850°C

will supersede DD CEN/TS 15548-1:2011  
B/540

**EN 15632-1:2009/A1**

District heating pipes. Pre-insulated flexible pipe systems. Classification, general requirements and test methods

RHE/9

**EN 15632-2:2010/A1**

District heating pipes. Pre-insulated flexible pipe systems. Bonded plastic service pipes.

Requirements and test methods  
RHE/9

**EN 15632-3:2010/A1**

District heating pipes. Pre-insulated flexible pipe systems. Non bonded system with plastic service pipes, requirements and test methods

RHE/9

**EN ISO 15970**

Natural gas. Measurement of properties. Volumetric properties. density, pressure, temperature and compression factor

will supersede BS ISO 15970:2008  
PTI/15

**EN ISO 15971**

Natural gas. Measurement of properties. Calorific value and Wobbe index

will supersede BS ISO 15971:2008  
PTI/15

**EN ISO 16000-19**

Indoor air. Sampling strategy for moulds  
EH/2/5

**EN 16601-10**

Space project management. Project planning and implementation

ACE/68

**EN 16601-10-01**

Space project management. Organization and conduct of reviews

ACE/68

**EN 16601-40**

Space project management. Configuration and information management

ACE/68

**EN 16601-60**

Space project management. Cost and schedule management

ACE/68

**EN 16601-80**

Space project management. Risk management

ACE/68

**CEN/TR 16639**

Use of k-value concept. Equivalent concrete performance concept and equivalent performance of combinations concept

B/517/1

**CEN/TS 16640**

Bio-based products. Determination of the bio-based carbon content of products using the radiocarbon method

MI/2

**CEN/TS 16641**

Textile floor coverings. Guidelines for the assessment of colour deviations

PRI/3

**EN 16643**

Assemblies. Unbonded fluoroplastic lined (e.g. PTFE) hoses and hose assemblies for liquid and gaseous chemicals. Specification  
PRI/66

**EN 16644**

Pumps. Rotodynamic pumps. Circulation pumps having a rated power input not exceeding 200 W for heating installations and domestic hot water installations. Noise test code (vibro-acoustics) for measuring structure and fluid-borne noise

will supersede BS EN 1151-2:2006  
MCE/6

**EN 16646**

Maintenance within physical asset management  
DS/1

**EN 16648**

Conservation of cultural heritage. Transport methods  
B/560

**EN 16651**

Space engineering. Testing  
ACE/68

**EN 16652**

Space engineering. Space environment  
ACE/68

**EN 16653**

Space engineering. Technical requirements specification  
ACE/68

**EN 16654**

Space engineering. Human factors engineering  
ACE/68

**EN 16655**

Space engineering. Reference coordinate system  
ACE/68

**EN 16656**

Glass in building. Glazing requirements. Assembly rules for vertical glazing  
B/520/4

**EN ISO 17672**

Brazing. Filler metals  
will supersede BS EN ISO 17672:2010  
WEE/19

**EN ISO 18674**

Geotechnical investigation and testing. Geotechnical monitoring by field instrumentation. General rules  
B/526/3

**EN 50514**

Audio, video and information technology equipment. Routine electrical safety testing in production  
will supersede BS EN 50514:2008  
EPL/108

**EN 50618**

Cables for photovoltaic systems  
GEL/20

**EN 60172**

Test procedure for the determination of the temperature index of enamelled winding wires  
will supersede BS EN 60172:1994+A2:2010  
GEL/55

**EN 60191-6-13**

Mechanical standardization of semiconductor devices. Design guideline of open-top-type sockets for Fine-pitch Ball Grid Array and Fine-pitch L and Grid Array (FBGA/FLGA)  
will supersede BS EN 60191-6-13:2007  
EPL/47

**EN 60191-6-16**

Mechanical standardization of semiconductor devices. Glossary of semiconductor tests and burn-in sockets for BGA, LGA, FBGA and FLGA  
will supersede BS EN 60191-6-16:2007  
EPL/47

**EN 60317-0-9**

Specifications for particular types of winding wires. General requirements. Enamelled rectangular aluminium wire  
GEL/55

**EN 60384-19**

Fixed capacitors for use in electronic equipment. Sectional specification. Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors  
will supersede BS EN 60384-19:2006  
EPL/40X

**EN 60384-23**

Fixed capacitors for use in electronic equipment. Sectional specification. Fixed surface mount metallized polyethylene naphthalate film dielectric d.c. capacitors  
will supersede BS EN 60384-23:2005  
EPL/40X

**EN 60400:2008/A2**

Lampholders for tubular fluorescent lamps and starter holders  
CPL/34/2

**EN 60599**

Mineral oil-impregnated electrical equipment in service. Guide to the interpretation of dissolved and free gases analysis  
will supersede BS EN 60599:1999  
GEL/10

**EN 60793-1-43**

Optical fibres. Measurement methods. Numerical aperture measurement  
will supersede BS EN 60793-1-43:2002  
GEL/86/1

**EN 60929:2011/A1**

AC and/or DC-supplied electronic control gear for tubular fluorescent lamps. Performance requirements  
CPL/34/3

**EN 61290-4-3**

Optical amplifiers. Test methods. Power transient parameters in single channel optical fibre amplifiers with output power control  
GEL/86/3

**EN 61347-2-3:2011/A1**

Lamp control gear. Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps  
CPL/34/3

**EN 62441**

Safeguards against accidentally caused candle flame ignition for audio/video, communication and information technology equipment  
will supersede PD CLC/TS 62441:2007  
EPL/108

**EN 62559-2**

Use case methodology. Definition of use case template, actor list and requirement list  
GEL/8

**EN 62689-2**

Current and voltage sensors or detectors to be used for fault passage indication purposes. General principles and requirements  
PEL/38

**NA to EN 1997-1**

UK National Annex to Eurocode 7 Geotechnical design. General rules  
B/526

**ISO 230-2:2006/A1**

Test code for machine tools. Determination of accuracy and repeatability of positioning of numerically controlled axes  
MTE/1/2

**ISO 683-5**

Heat treatable steels, alloy steels and free-cutting steels. Nitriding steels  
ISE/105

**ISO 780**

Packaging. Pictorial marking for handling of goods  
will supersede BS EN ISO 780:1999  
PKW/0

**ISO 1660**

Geometrical product specifications (GPS). Geometrical tolerancing. Profile tolerancing  
will supersede BS EN ISO 1660:1996  
TDW/4

**ISO 2005**

Rubber latex, natural, concentrate. Determination of sludge content  
will supersede BS 6057-3.13:1993  
PRI/50/-1

**ISO 3310-1**

Test sieves. Technical requirements and testing. Test sieves of metal wire cloth  
will supersede BS 410-1:2000  
LBI/37

**ISO 3679**

Determination of flash point. Rapid equilibrium closed cup method

will supersede BS EN ISO 3679:2004  
PTI/13

**ISO 4347**

Leaf chains, clevises and sheaves. Dimensions, measuring forces, tensile strengths and dynamic strengths

MCE/1

**ISO 5151**

Non-ducted air conditioners and heat pumps. Testing and rating for performance

will supersede BS ISO 5151:2010  
RHE/17

**ISO 5175:1987/A1**

Equipment used in gas welding, cutting and allied processes. Safety devices for fuel gases and oxygen or compressed air. General specifications, requirements and tests

WEE/18

**ISO 5577**

Non-destructive testing. Ultrasonic inspection. Vocabulary

WEE/46

**ISO 6020-2**

Hydraulic fluid power. Mounting dimensions for single rod cylinders, 16 MPa (160 bar) series. Compact series

will supersede BS ISO 6020-2:2006  
MCE/18/-3

**ISO 6519**

Diesel engines. Fuel injection pumps. Tapers for shaft ends and hubs

will supersede BS ISO 6519:2004  
MCE/22

**ISO 6721-10**

Plastics. Determination of dynamic mechanical properties. Complex shear viscosity using a parallel-plate oscillatory rheometer

will supersede BS ISO 6721-10:1999  
PRI/21

**ISO 7626-2**

Vibration and shock. Experimental determination of mechanical mobility. Measurements using single-point translation excitation with an attached vibration exciter

will supersede BS 6897-2:1990  
GME/21

**ISO 7870-6**

Statistical methods in process management. Control charts. EWMA control charts

SS/4

**ISO 8536-8**

Infusion equipment for medical use. Infusion equipment for use with pressure infusion apparatus

will supersede BS EN ISO 8536-8:2004  
CH/212

**ISO 8536-9**

Infusion equipment for medical use. Fluid lines for use with pressure infusion equipment

will supersede BS EN ISO 8536-9:2004  
CH/212

**ISO 8536-10**

Infusion equipment for medical use. Accessories for fluid lines for use with pressure infusion equipment

will supersede BS EN ISO 8536-10:2004  
CH/212

**ISO 8536-11**

Infusion equipment for medical use. Infusion filters for use with pressure infusion equipment

will supersede BS EN ISO 8536-11:2004  
CH/212

**ISO 8559-1**

Size designation of clothes. Anthropometric definitions for body measurement

TCI/66

**ISO 8559-2**

Size designation of clothes. Primary and secondary dimension indicators

TCI/66

**ISO 9044**

Industrial woven wire cloth. Technical requirements and tests

will supersede BS ISO 9044:1999  
LBI/37

**ISO 9227**

Corrosion tests in artificial atmospheres. Salt spray tests

will supersede BS EN ISO 9227:2012  
ISE/NFE/8

**ISO 10110-9**

Optics and photonics. Preparation of drawings for optical elements and systems. Surface treatment and coating

will supersede BS ISO 10110-9:1996  
CPW/172

**ISO 10272-2**

Microbiology of food and animal feed. Horizontal method for detection and enumeration of *Campylobacter*. Colony-count technique

will supersede DD ISO/TS 10272-2:2006  
AW/9

**ISO 10273**

Microbiology of food and animal feeding stuffs. Horizontal method for the detection of presumptive pathogenic *Yersinia enterocolitica*

will supersede BS EN ISO 10273:2003  
AW/9

**ISO 10650**

Dentistry. Powered polymerization activators. Quartz tungsten halogen lamps and light emitting diode (LED) lamps

will supersede BS EN ISO 10650-1:2005 and BS EN ISO 10650-2:2007  
CH/106/4

**ISO 10931:2005/A1**

Plastics piping systems for industrial applications. Poly(vinylidene fluoride) (PVDF). Specifications for components and the system

PRI/88/2

**ISO 10938**

Ophthalmic optics. Chart displays for visual acuity measurements. Printed, projected and electronic

will supersede BS EN ISO 10938:1998  
CH/172

**ISO 11525-2**

Rough-terrain trucks. User requirements. Slewing variable-reach trucks

MHE/7

**ISO 11665-11**

Measurement of radioactivity in the environment. Air: radon-222. Test method for soil gas

NCE/2

**ISO 12103-1**

Road vehicles. Test dust for filter evaluation. Arizona test dust

will supersede BS ISO 12103-1:1997  
MCE/21/2

**ISO 13253**

Ducted air-conditioners and air-to-air heat pumps. Testing and rating for performance

will supersede BS ISO 13253:2011  
RHE/17

**ISO 13694**

Optics and optical instruments. Lasers and laser-related equipment. Test methods for laser beam power (energy) density distribution

will supersede BS EN ISO 13694:2000  
CPW/172

**ISO 13860**

Machinery for forestry. Forwarders. Terms, definitions and commercial specifications

AGE/29

**ISO 13909-1**

Hard coal and coke. Mechanical sampling. General introduction

will supersede BS ISO 13909-1:2001  
PTI/16

**ISO 13909-2**

Hard coal and coke. Mechanical sampling. Coal. Sampling from moving streams

will supersede BS ISO 13909-2:2001  
PTI/16

**ISO 13909-3**

Hard coal and coke. Mechanical sampling. Coal. Sampling from stationary lots

will supersede BS ISO 13909-3:2001  
PTI/16

**ISO 13909-4**

Hard coal and coke. Mechanical sampling. Coal. Preparation of test samples

will supersede BS ISO 13909-4:2001  
PTI/16

**ISO 13909-5**

Hard coal and coke. Mechanical sampling. Coke. Sampling from moving streams

will supersede BS ISO 13909-5:2001  
PTI/16

**ISO 13909-6**

Hard coal and coke. Mechanical sampling. Coke. Preparation of test samples

will supersede BS ISO 13909-6:2001  
PTI/16

**ISO 13909-7**

Hard coal and coke. Mechanical sampling. Methods for determining the precision of sampling, sample preparation and testing

will supersede BS ISO 13909-7:2001  
PTI/16

**ISO 13909-8**

Hard coal and coke. Mechanical sampling. Methods of testing for bias

will supersede BS ISO 13909-8:2001  
PTI/16

**ISO 14861**

Graphic technology. Requirements for colour soft proofing systems

PAI/43

**ISO 15042**

Multiple split-system air-conditioners and air-to-air heat pumps. Testing and rating for performance

will supersede BS ISO 15042:2011  
RHE/17

**ISO/TR 15144-1**

Calculation of micropitting load capacity of cylindrical spur and helical gears. Introduction and basic principles

will supersede PD ISO/TR 15144-1:2010  
MCE/5/15

**ISO/IEC 15438**

Information technology. Automatic identification and data capture techniques. PDF417 bar code symbology specification

will supersede BS EN ISO/IEC 15438:2010  
IST/34

**ISO/IEC TR 15440**

Information technology. Future keyboards and other input devices and entry methods

ICT/16

**ISO 15912**

Dentistry. Casting investments and refractory die materials

will supersede BS EN ISO 15912:2006+A1:2011  
CH/106/2

**ISO 16001**

Earth-moving machinery. Hazard detection systems and visual aids. Performance requirements and tests

will supersede BS ISO 16001:2008  
B/513/1

**ISO 16763**

Graphic technology. Requirements for postpress. Bound products

PAI/43

**ISO 16852**

Flame arresters. Performance requirements, test methods and limits for use

will supersede BS EN ISO 16852:2010  
EXL/23

**ISO/TS 17426**

Intelligent transport systems. Co-operative systems. Contextual speeds

EPL/278

**ISO 17450-4**

Geometrical product specification (GPS). Basic concepts. Geometrical characteristics

TDW/4

**ISO 17497-1:2004/A1**

Acoustics. Sound-scattering properties of surfaces. Measurement of the random-incidence scattering coefficient in reverberation room

EH/1

**ISO 17867**

Particle size analysis. Small-angle X-ray scattering

LBI/37

**ISO/IEC 18000-4**

Information technology. Radio frequency identification for item management. Parameters for air interface communications at 2, 45GHz Mode 3

will supersede BS ISO/IEC 18000-4:2008  
IST/34

**ISO 18247**

Plastics. Determination of the shear viscosity of polymer melts using screw-type rheometers

PRI/21

**ISO 18278-1**

Resistance welding. Weldability. Assessment of weldability for resistance spot, seam and projection welding of metallic materials

will supersede BS EN ISO 18278-1:2004  
WEE/29

**ISO 18278-2**

Resistance welding. Weldability. Alternative procedures for the assessment of sheet steels for spot welding

will supersede BS EN ISO 18278-2:2004  
WEE/29

**ISO 18326**

Single-duct portable air conditioners and heat pumps. Testing and rating for performance

RHE/17

**ISO 18386**

Compliance programs

QS/1

**ISO/IEC TS 18661**

Information technology. Floating point extensions for C

IST/5

**ISO 18759**

Trusted WORM functionality and technical requirements

IDT/1/1

**ISO 18762**

Tubes of titanium and titanium alloys. Welded tubes for condensers and heat exchangers.

Technical delivery conditions

NFE/35

**ISO 18794**

Coffee. Sensorial analysis. Vocabulary

AW/15

**ISO 18806**

Solid mineral fuels. Determination of chlorine content

PTI/16

**ISO 18824**

Human governance. Human dimension as a fundamental. Part of the overall corporate strategy. Guidelines

HRS/1

**ISO 18841**

Interpreting. General guidelines

TS/1

**ISO 18844**

Electronic still picture imaging. Flare measurement techniques for digital camera systems

CPW/42

**ISO 18851**

Plastics piping systems. Glass-reinforced thermosetting plastics (GRP) pipes and fittings.

Test method to prove the structural design of fittings

PRI/88/2

**ISO 18854**

Small craft. Test bed measurement of gaseous and particulate exhaust emissions from reciprocating internal combustion engines

GME/33

**ISO 18886**

Refractory test-piece preparation. Gunning refractory panels by wet gunning techniques

RPI/1

**ISO 19006**

Effects of nanoparticles on cell oxidative stress

NTI/1

**ISO 19007**

Effects of nanoparticles on cell viability (MTS assay)

NTI/1

**ISO/TS 19104**

Geographic information. Terminology

will supersede DD ISO/TS 19104:2008

IST/36

**ISO 19155-2**

Geographic Information. Place Identifier (PI) architecture. Place Identifier (PI) linking

IST/36

**ISO 19164**

Geographic information. Registry service

IST/36

**ISO 19702**

Guidance for sampling and analysis of toxic gases and vapours in fire effluents using Fourier Transform Infrared spectroscopy (FTIR)

FSH/16

**ISO/IEC 19762**

Information technology. Automatic identification and data capture techniques. Harmonized vocabulary

IST/34

**ISO/IEC 19770-7**

Information technology. Software asset management. Tag management

IST/15

**ISO/IEC 19788-8**

Information technology. Learning, education and training. Metadata for learning resources. Data elements for MLR records

IST/43

**ISO/IEC 19788-9**

Information technology. Learning, education and training. Metadata for learning resources. Data elements for persons

IST/43

**ISO/TS 20646-1**

Ergonomic procedures for the improvement of local muscular workloads. Guidelines for reducing local muscular workloads

PH/9/-/4

**ISO 21107**

Rolling bearings and spherical plain bearings. Search structure for electronic media. Characteristics and performance criteria identified by attribute vocabulary

will supersede BS ISO 21107:2004

MCE/7

**ISO 22938**

Document management. Electronic content/document management (CDM) data interchange format

IDT/1/2

**ISO/IEC 23008-8**

Information technology. High efficiency coding and media delivery in heterogeneous environments. HEVC conformance testing

IST/37

**ISO/IEC 23008-10**

Information technology. High efficiency coding and media delivery in heterogeneous environments

IST/37

**ISO 26367-2**

Guidelines for assessing the adverse environmental impact of fire effluents. Compilation of environmentally significant emissions from fires

FSH/16

**ISO/IEC 26531**

Content management for product life-cycle, user and service management documentation

IST/15

**ISO/TR 28380-3**

Health informatics. Messages and Communication. IHE Global Standards Adoption Process. Deployment

IST/35

**ISO/IEC 29119-5**

Software and systems engineering. Software testing. Keyword-driven testing

IST/15

**ISO/IEC 29167-14**

Information technology. Automatic identification and data capture techniques. Air Interface for security services crypto suite. AESOFB-like

IST/34

**ISO 29464**

Cleaning equipment for air and other gases. Terminology

will supersede BS ISO 29464:2011

MCE/21

**ISO 32000-2**

Document management. Portable document format. PDF 2.0

IDT/1/2

**CLC/TR 50619**

Guidance on how to conduct round robin tests

CPL/59

**IEC/TR 61292-4**

Optical amplifier. Maximum permissible optical power for the damage. Free and safe use of optical amplifiers, including raman amplifiers

will supersede PD IEC/TR 61292-4:2010

GEL/86/3

**IEC/TS 62600-10**

Marine energy. Wave tidal and other water current converters. The assessment of mooring system for marine energy converters (MECs)

PEL/114

**ISO/IEC 62752**

In cable control and protective device for mode 2 charging of electric road vehicles. (IC-RCD)

PEL/69

**ISO/TR 80001-2-7**

Application of risk management for IT-networks incorporating medical devices. Application guidance. Guidance for Healthcare Delivery Organizations (HDOs) on how to self-assess their conformance with IEC 80001-1

CH/62/1

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

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

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

**13/30102062 DC**

**BS 7608** Guide to fatigue design and assessment of steel products

£18.00 members, £36.00 non-members

WEE/37/-/9

**13/30219671 DC**

**BS 8545** Trees: from nursery to independence in the landscape. Recommendations

B/213

**13/30241570 DC**

**BS 5911-3 A1** Concrete pipes and ancillary concrete products. Specification for unreinforced and reinforced concrete manholes and soakaways (complementary to BS EN 1917:2002)

B/505

**13/30249071 DC**

**BS AU 159g** Specification for repairs to tyres for motor vehicles used on the public highway

AUE/3

**13/30258085 DC**

**BS 5228-1 A1** Code of practice for noise and vibration control on construction and open sites. Noise

B/564

**13/30258088 DC**

**BS 5228-2 A1** Code of practice for noise and vibration control on construction and open sites. Vibration

B/564



### WTO NTB updates for June

#### **MALAYSIA**

##### **G/TBT/N/MYS/36**

1 July 2013

The draft regulation states that replacement part of brake lining that are sold or supplied in Malaysia must conform to the prescribed safety standards and comply with the marking requirements. The safety standards prescribed under this regulation are:

- Malaysian Standard MS 1164:2005 - Road Vehicles - Replacement Brake Lining Assemblies and Drum Brake Linings for Power-Driven Vehicles - Specification (First Revision) or;
- United Nation Economic Commission for Europe UNECE Regulation 90 - Uniform provisions concerning the approval of replacement brake lining assemblies, drum brake linings and discs and drums for power-driven vehicles and their trailers. For the purpose of this order, the revised safety standards shall be applicable only to the new batch of replacement part of brake lining manufactured after the revision.

#### **OMAN**

##### **G/TBT/N/OMN/145**

17 June 2013

This Omani/GSO draft technical regulation concerns general requirements for new tyres for multi-purpose vehicles, light trucks, heavy trucks, buses and trailers. This regulation is not applicable for tyre types identified by speed category less than 80km/h.

#### **OMAN**

##### **G/TBT/N/OMN/144**

17 June 2013

This Omani/GSO draft technical regulation concerns methods of testing new tyres for multi-purpose vehicles, light trucks, heavy trucks, buses and trailers. This regulation is not applicable for tyre types identified by speed category less than 80km/h.

#### **OMAN**

##### **G/TBT/N/OMN/143**

17 June 2013

This Omani/GSO draft technical regulation concerns nomenclature, designation, marking, dimensions, load capacities and inflation pressures of new tyres for multi-purpose vehicles, Light Trucks, Heavy Trucks, Buses and trailers. This regulation is not applicable for tyre types identified by speed category less than 80km/h.

#### **EUROPEAN UNION**

##### **G/TBT/N/EU/115**

11 June 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 and environmental performance of these vehicles and repeals 15 directives. The Commission is empowered to adopt the specific technical requirements and test procedures through delegated acts. This draft is the first delegated act, out of a foreseen total of three. It sets out the specific requirements and test procedures in the area of vehicle functional safety. 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 safety provisions included in Regulation No 168/2013. As far as possible, the requirements are based on or make direct 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.

#### **EUROPEAN UNION**

##### **G/TBT/N/EU/114**

10 June 2013

The above-mentioned proposal aims at adapting to technical progress Directive 97/24/EC of the European Parliament and of the Council on certain components and characteristics of two or three-wheel motor vehicles, Directive 2002/24/EC relating to the type-approval of two or three-wheel motor vehicles and Directive 2009/67/EC of the European Parliament and of the Council on the installation of lighting and light-signalling devices on two- or three-wheel motor vehicles. This adaptation to technical progress includes a revised tailpipe emission test method for categories L1e, L2e and L6e Mopeds (Euro 3 level). It also incorporates UN Regulation

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No 41 in type-approval legislation with regard to sound level provisions for category L3e motorcycles as well as mandatory fitting of the automatic headlamp-on feature for all L-category vehicles. L-category vehicle is the family name of light vehicles such as powered cycles, mopeds, motorcycles, tricycles and quadricycles. The proposed Euro 3 step carries over the Euro 2 emission limits set out in Chapter 5 of Directive 97/24/EC currently in force, but modifies the emission laboratory test cycle in order to take into account emissions after cold-start. In addition, the proposal foresees the measurement and reporting of CO<sub>2</sub> emissions, as well as a mandatory statement from the manufacturer to ensure that zero emissions will be expelled from the crankcase ventilation system over the useful vehicle life. In order to improve the visibility of vulnerable road users in traffic and thus improve the functional safety of L-category vehicles, it is proposed to require that the headlamp is automatically turned-on (AHO) when the ignition is switched on or, alternatively, installing day time running lights, therefore significantly improving vehicle and rider conspicuity in comparison to other traffic participants. This measure also levels the playing field among the L-category vehicle manufacturers active on the EU market. In addition, the proposal contains a reference to UNECE Regulation No 41 with regard to sound requirements for L3e motorcycles. Recognising the equivalence of these UNECE requirements as an alternative to the provisions on the sound level set out in Chapter 9 of Directive 97/24/EC enables manufacturers to benefit from mutual recognition under the umbrella of the UNECE, thus reducing burden by avoiding repeated testing and issuing redundant paperwork.

## 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 31<sup>st</sup> 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:

--

### 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)
------	-------	-----------------------	-----------	------------------------------------	--



		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](mailto: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. 158

InterRegs are on LinkedIn, where we are connecting with fellow homologation professionals - why don't you join us? And this month sees our first ever Spotlight from South Africa, which relates to their compliance with a UN ECE electric and hybrid vehicles regulation.

This issue includes:

1. [New and Amended Regulations Summary.](#)
2. [InterRegs NEWS: \*\*LinkedIn Group for Homologation Professionals, Award Call for Nominations.\*\*](#)
3. [Regulations Spotlight: \*\*South Africa Proposes Mandatory Compliance with ECE 100.01 for Electric and Hybrid Vehicles.\*\*](#)

#### 1. New and Amended Regulations Summary.

##### Global Automotive Regulations

###### Australia

ADR 13 - Lights and Signals Installation.  
*Amended to Amendment 4 of March 14, 2013.*

ADR 13/00 - Explanatory Statement - Lights and Signals Installation.  
*Amended to Amendment 4 of March 2013.*

ADR 42 - General Safety Requirements.  
*Amended to Amendment 3 of March 14, 2013.*

ADR 42/04 - Explanatory Statement - General Safety Requirements.  
*Amended to Amendment 3 of March 2013.*

###### Austria

The Traffic Act 1967 (KFG) - BGBl. No. 267 of June 23, 1967 (Extracts).  
*Amended to BGBl. 1 No 90/2013 of June 17, 2013.*

###### Brazil

Administrative Ruling No. 514/2012 - Vehicle Illumination and Signalling.  
*Added Document.*

Resolution No. 211/2006 - Goods Vehicle Combinations.  
*Amended to Resolution No. 438/2013.*

Resolution No. 311/2009 - Passive Safety Equipment - Air Bags.  
*Amended to Resolution No. 394/2011.*

Resolution No. 412/2012 - Implementation Automatic Vehicle Identification System.

*Added Document.*

Resolution No. 426/2012 - Bonnet Fastening, Wheel Fasteners and Trim.

*Added Document.*

Resolution No. 439/2013 - Rear View Mirrors - School Transport.

*Added Document.*

#### Canada

Proposal of June 1, 2013 - Proposal to Amend Various CMVSS.

*Added Document.*

#### China

GB/T 6323.1-1994 - Stability Control Test Procedures - Part 1 : Pylon Course Slalom Test.

*Added Document.*

GB/T 6323.2-1994 - Stability Control Test Procedures - Part 2 : Steering Transient Response Test.

*Added Document.*

GB/T 6323.3-1994 - Stability Control Test Procedures - Part 3 : Steering Transient Response Test.

*Added Document.*

GB/T 6323.4-1994 - Stability Control Test Procedures - Part 4 : Returnability Test.

*Added Document.*

GB/T 6323.5-1994 - Stability Control Test Procedures - Part 5 : Steering Efforts Test Procedure.

*Added Document.*

GB/T 6323.6-1994 - Stability Control Test Procedures - Part 6 : Steady Static Circular Test Procedure.

*Added Document.*

GB 13094-2007 - Safety Requirements for Bus Construction.

*Added Document.*

GB 18100.1-2010 - Installation of Lighting and Light-Signalling Devices for Two-Wheel Motorcycles.

*Added Document.*

GB 18100.2-2010 - Installation of Lighting and Light-Signalling Devices for Two-Wheel Mopeds.

*Added Document.*

GB 18100.3-2010 - Installation of Lighting and Light-Signalling Devices for Three-Wheel Motorcycles.

*Added Document.*

GB 24315-2009 - School Bus Markings.

*Added Document.*

#### EC - European Union

General Safety Regulation - D(2013) B4/PB - General Safety Regulation - Issues and Clarifications.

*Added Document.*

Proposal COM(2013) 316 - Approval of Motor Vehicles and their Trailers, eCall In-Vehicle System.

*Added Document.*

### ECE - United Nations

Regulation No. 101-01 - Emission of Carbon Dioxide and Fuel Consumption.  
*Amended to 01 Series, Supplement 1.*

### Finland

Order No. 1248/2002 - Design and Equipment of Vehicles and Trailers.  
*Amended to Order No. 252/2013.*

### Hong Kong

Chapter 374 - Road Traffic Ordinance (Extracts).  
*Amended to L.N. 100 of 2013 (Amended Without Alteration to Published Extracts).*

### Korea

Decree No. 20242 of September 6, 2007 - Noise and Vibration Control Act - Implementation Decree (Extracts).  
*Amended to Decree No. 24407 of March 18, 2013. (Amended Without Alteration to Published Extracts).*

Decree No. 20383 of November 15, 2007 - Atmospheric Environment Preservation Act - Implementation Decree (Extracts).  
*Amended to Decree No. 24344 of January 31, 2013.*

Law No. 8404 of April 27, 2007 - Atmospheric Environment Preservation Act (Extracts).  
*Amended to Law No. 11445 of May 23, 2012.*

Ordinance No. 270 of December 31, 2007 - Atmospheric Environment Preservation Act - Implementation Regulations (Extracts).  
*Amended to Ordinance No. 500 of February 1, 2013.*

### Norway

Vehicle Regulations of October 4, 1994 - Annex 1 - EEC Directive Requirements for Vehicle Type Approval.  
*Amended to May 23, 2013 (No. 575).*

Vehicle Regulations of October 4, 1994 - Chapter 1 - Scope, Exemptions etc.  
*Amended to December 11, 2012 (No. 1222).*

Vehicle Regulations of October 4, 1994 - Chapter 2 - Definitions.  
*Amended to April 19, 2013 (No. 394).*

Vehicle Regulations of October 4, 1994 - Chapter 6 - National Type Approval - All Vehicle Types.  
*Amended to August 9, 2012 (No. 799).*

Vehicle Regulations of October 4, 1994 - Chapter 14 - Body and Cargo Platforms etc.  
*Amended to April 11, 2012 (No. 305).*

Vehicle Regulations of October 4, 1994 - Chapter 25 - Emissions.  
*Amended to April 11, 2012 (No. 305).*

Vehicle Regulations of October 4, 1994 - Chapter 28 - Lights, Light Signals and Reflectors.  
*Amended to April 11, 2012 (No. 305).*

Vehicle Regulations of October 4, 1994 - Chapter 30 - Mirrors.  
*Amended to April 11, 2012 (No. 305).*



## South Africa

No. R. 1073 - Compulsory Specification for Motor Vehicles of Category N1.  
*Added Proposal R. 371 of May 31, 2013.*

No. R. 1080 - Compulsory Specification for Motor Vehicles of Category M1.  
*Added Proposal R. 370 of May 31, 2013.*

## US - Federal

Proposal of June 17, 2013 - Heavy-Duty Engine and Vehicle, and Nonroad Technical Amendments.  
*Added Document.*

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## **US States**

Alabama Administrative Code - Chapter 335-3-9 - Department of Environmental Management - Control of Emissions from Motor Vehicles.  
*Amended to June 2013 (Amended Without Alteration to Published Extracts).*

The Code of Alabama 1975 - Title 40 - Chapter 12 - Licenses (Extracts).  
*Amended to June 2013 (Amended Without Alteration to Published Extracts).*

Alaska Administrative Code - Title 13 - Part 1 - Chapter 04 - Motor Vehicle and Driving Offences: Vehicle Equipment and Inspection.  
*Amended to June 2013.*

Arizona Revised Statutes - Title 28 - Chapter 1 - Definitions, Penalties, General Provisions (Extracts).  
*Amended to June 2013.*

The Arkansas Code - Title 27 - Chapter 14 - Uniform Motor Vehicle Administration, Certificate of Title and Anti-theft Act (Extracts).  
*Amended to June 2013 (Amended Without Alteration to Published Extracts).*

The Arkansas Code - Title 27 - Chapter 34 - Child Passenger Protection (Extracts).  
*Amended to June 2013.*

The Arkansas Code - Title 27 - Chapter 35 - Size and Load Regulations (Extracts).  
*Amended to June 2013 (Amended Without Alteration to Published Extracts).*

The Arkansas Code - Title 27 - Chapter 36 - Lighting Regulations (Extracts).  
*Amended to June 2013.*

The Arkansas Code - Title 27 - Chapter 37 - Equipment Regulations (Extracts).  
*Amended to June 2013.*

The Arkansas Code - Title 27 - Chapter 51 - Operation of Vehicles - Rules of the Road (Extracts).  
*Amended to June 2013.*

California Vehicle Code - Division 1 - Words and Phrases Defined (Extracts).  
*Amended to June 2013.*

California Vehicle Code - Division 3 - Registration and Certificates of Title (Extracts).  
*Amended to June 2013 (Amended Without Alteration to Published Extracts).*

California Vehicle Code - Division 12 - Chapter 2 - Lighting Equipment.  
*Amended to June 2013.*

California Vehicle Code - Division 12 - Chapter 4 - Windshields and Mirrors.  
*Amended to June 2013.*

California Vehicle Code - Division 12 - Chapter 5 - Other Equipment.

*Amended to June 2013.*

California Vehicle Code - Division 13 - Towing and Loading Equipment.

*Amended to June 2013.*

California Vehicle Code - Division 14.8 - Safety Regulations - Trucks, Buses and Commercial Vehicle Operation (Extracts).

*Amended to June 2013 (Amended Without Alteration to Published Extracts).*

California Vehicle Code - Division 15 - Size, Weight and Load (Extracts).

*Amended to June 2013.*

California Vehicle Code - Division 16 - Implements of Husbandry (Extracts).

*Amended to June 2013.*

CCR 13 - Division 2 - Chapter 6.5 - Motor Carrier Safety (Extracts).

*Amended to June 2013.*

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### **Canadian Provinces**

Alberta AR/315/2002 - Commercial Vehicle Dimensions and Weight Regulation (Extracts).

*Amended to 80/2013.*

Alberta AR/320/2002 - Operator Licensing and Vehicle Control Regulation (Extracts).

*Amended to 61/2013 (Amended Without Alteration to Published Extracts).*

Ontario Regulation 612 - School Bus Regulations.

*Amended to Regulation 169/13.*

Ontario Regulation 629 - Accessible Vehicles.

*Amended to Regulation 170/13.*

Prince Edward Island RSPEI 1988, c.H-5 - Highway Traffic Act (Extracts).

*Amended to 2013, c.34, s.1 (Amended Without Alteration to Published Extracts).*

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### **Mobile Construction Equipment**

#### Europe

EN 474-1 : 2006 - Earthmoving Machinery - Safety - General Requirements.

*Amended to A3 : 2013.*

EN 1755 : 2000 - Industrial Trucks - Safety - Operation in Explosive Atmospheres.

*Amended to A2 of January 2013.*

EN ISO 3691-1 : 2012 - Industrial Trucks - Safety.

*Added Document.*

EN ISO 4254-1 : 2013 - Agricultural Machinery - Safety - Part 1 : General Requirements.

*Added Document.*

EN ISO 16231-1 : 2013 - Self-Propelled Agricultural Machinery - Assessment of Stability - Part 1 : Principles.

*Added Document.*

General Safety Regulation - D(2013) B4/PB - General Safety Regulation - Issues and Clarifications.

*Added Document.*

ISO/DIS 4250-1 : 2013 - Tyres and Wheels - Designation and Dimensions (Draft).

*Added Document.*

ISO/DIS 8812 : 2013 - Backhoe Loader - Definitions and Commercial Specifications (Draft).

*Added Document.*

ISO 6489-5 : 2011 - Towing - Non-Swivel Clevis Couplings.

*Added Document.*

ISO 7133 : 2013 - Scrapers - Terminology and Commercial Specifications.

*Added Document.*

prEN 1459-1 : 2013 - Rough Terrain Trucks - Safety Requirements and Verification - Part 1 : Variable Reach Trucks (Draft).

*Added Document.*

prEN 1755 : 2013 - Industrial Trucks - Safety - Operation in Explosive Atmospheres (Draft).

*Added Document.*

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## **Non-Road Engine Emissions**

### Malta

L.N. 83 of 2013 - Emission of Gaseous and Particulate Pollutants from Internal Combustion Engines.

*Added Document.*

## **2. InterRegs News.**

### **LinkedIn Group for Homologation Professionals**

Many of our Bulletin subscribers may also be members of LinkedIn. We would like to recommend a very helpful, friendly and informative LinkedIn Group for Automotive Homologation Professionals. It currently has over 1300 members and provides a useful discussion forum. It is an ideal platform for asking questions, sharing opinions and experiences and generally 'connecting' with fellow professionals.

InterRegs' MD Rebecca Rubio has recently started a discussion about the more light-hearted side of vehicle regulations and your responses would be gratefully received. If you would like to join the Group, or connect with Rebecca on LinkedIn, it would be great to see you there.

[http://www.linkedin.com/groups?gid=724487&trk=myg\\_ugrp\\_ovr](http://www.linkedin.com/groups?gid=724487&trk=myg_ugrp_ovr)

### **SAE/InterRegs Standards and Regulations Award - Call for Nominations**

We're currently calling for nominations for next year's 2014 SAE/InterRegs Standards and Regulations Award - 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.

The Award recognizes a practicing engineer who has provided significant contributions to standards, regulations or conformity assessment systems for improved safety or reduced emissions in a ground vehicle mobility product. The individual can work on the standards/regulation language or on an automotive product to comply with the standards/regulations.

The winning engineer will be presented with an engraved memento and \$1000 cash prize at the 2014 SAE Government Industry Meeting in Washington DC.

For more information visit the [SAE/InterRegs Award](#) page at our website.

### 3. Regulations Spotlight.

#### **South Africa Proposes Mandatory Compliance with ECE 100.01 for Electric and Hybrid Vehicles**

On 31st May 2013, the South African Department of Trade and Industry published proposed amendments to the compulsory specifications for both M1 and N1 category vehicles that would require all electric and hybrid electric vehicles to comply with the requirements of UN ECE Regulation No. 100.01.

The summary article on the above Proposals can be found in the [Spotlight](#) section of our website.

The Proposals will be on InterRegs.NET for South Africa subscribers, and also available at [www.selectregs.com](http://www.selectregs.com).

Summary provided by Nick Bowyer.

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](http://www.interregs.com).

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# PPVL COMMITTEES, WORKING & INTEREST GROUP MEMBERSHIP REQUEST FORM

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Email: \_\_\_\_\_

<b>ENVIRONMENT &amp; VEHICLE LEGISLATION COMMITTEES (Members attend meetings)</b>	
Bus and Coach TC	
Car and Light CV TC	
Engineering Committee	
Environmental Policy Committee	
Heavy CV TC	
Trailer and Bodywork TC	

<b>VEHICLE LEGISLATION WGs (Members attend meetings)</b>	
Brakes WG	
Electric Vehicle Technical WG	
Electromagnetic Compatibility WG	
Light Vehicle Powertrain WG	
Lighting and Signalling WG	
Passive Safety WG	
Towing Vehicle and Trailer Electrical Connectivity-TF	
Type Approval WG	
* TAWG-UKNTA WG	
Vehicle Manufacturers Body Repair WG	
Vehicle Security and Insurance WG	

<b>VEHICLE LEGISLATION IGs (for information only)</b>	
Alternators IG	
Ambulances IG	
Animal Transport IG	
ATP (International Agreement for Carriage of Perishable Goods) IG	
Braking Compatibility IG	
Brakes IG	
Bus and Coach IG	
Commercial Vehicle Telematics IG	
Dangerous Goods IG	
Diagnostics and Serial Data Communication IG	
DPV (Disabled Persons Vehicle) IG	
Electric and Hybrid Vehicle IG	
Electric Vehicle Charging IG	
Electrical Power Systems IG	
Electromagnetic Compatibility IG	
Electronics and Electrical Equipment IG	
Ergonomics IG	
Freight Containers (Thermal) IG	
Gas Engine IG	

Heavy Mechanical Coupling IG	
Heavy Vehicle Powertrain IG	
Hydrogen Fuel Cell IG	
Indirect Vision Devices IG	
ITS (Intelligent Transport Systems) IG	
Light Mechanical Couplings IG	
Light Vehicle Powertrain IG	
Lighting and Signalling IG	
Load Restraint IG	
Materials IG	
NCAP (New Car Assessment Programme) IG	
Passive Safety IG	
Published Emissions Data IG	
Replacement Brake Linings IG	
Road Tank IG	
Roof Rack IG	
Sheet Steel Rationalisation IG	
Sideguards and Rear Underrun IG	
Speed Limiters IG	
Spray Suppression IG	
Steering IG	
Swap Bodies (Tanks) IG	
Swap Bodies (Thermal) IG	
Swap Bodies – General Cargo IG	
Tachograph IG	
Taxi IG	
TIR (Transport Under Customs Cover) IG	
Trailer and Bodywork IG	
Trailer Registration IG	
Truck IG	
Type Approval IG	
Tyre and Wheel IG	
Vehicle Glazing IG	
Vehicle Handling IG	
Vehicle Security and Insurance IG	
Weights and Dimensions IG	

<b>ENVIRONMENT IGs (for information only)</b>	
Car Label IG	
Future Fuels Strategy IG	
HFC (Hydrofluorocarbon) IG	
Integrated Product Policy IG	
Noise IG	
Packaging Waste IG	

<b>ENVIRONMENT WGs (Members attend meetings)</b>	
ELV (End of Life Vehicle) WG	
Fuels WG	
Hazardous Materials WG	
Noise WG	
Manufacturing Environment WG	
* Manufacturing Energy and Trading Schemes WG	
OHEEG (Off-Highway Engine and Equipment Group)	
Sustainability WG	

<b>POLICY &amp; ECONOMIC COMMITTEES &amp; WGs (Members attend meetings)</b>	
Economic Committee	
Education and Development Committee	
Policy Co-ordination Committee	
Advertising WG	
Tax Panel	

<b>INNOVATION AND E-MOBILITY GROUPS (Members attend meetings)</b>	
Design and Engineering Group	
Electric Vehicle WG	

<b>INFORMATION SERVICE</b>	
<b>Tel: 020 7344 1630</b>	
<b>Fax: 020 79730529</b>	
<b>Email: <a href="mailto:infomanager@smmt.co.uk">infomanager@smmt.co.uk</a></b>	
Call now for advice on:	
<ul style="list-style-type: none"> <li>• Compliance with technical standards</li> <li>• Impact of manufacturing environment legislation</li> <li>• General automotive queries</li> </ul>	

<b>PLEASE NOTE:</b>	
Only SMMT members can join the TCs, WGs and IGs. If you would like to join a TC, WG or an IG, please complete this form and return it to the department Administrator.	
Committee membership requests are first submitted to committee members for approval. Please contact us by fax or email. Details are below:	
<a href="mailto:PPVL@smmt.co.uk">PPVL@smmt.co.uk</a>	
Fax: 020 79730529	
Thank you	