



Notification Number: 2016/209/UK

TR 2033 Requirements Specification for the Manufacture and Supply of Weatherproof Cable and Interconnector Assemblies for Signs and Signals

Date received : 09/05/2016
End of Standstill : 10/08/2016 (10/11/2016)
Issue of detailed opinion by : Commission

Message

Message 001

Communication from the Commission - TRIS/(2016) 01370

Directive (EU) 2015/1535

Notificación - Oznámení - Notifikation - Notifizierung - Teavitamine - Γνωστοποίηση - Notification - Notification - Notifica - Pieteikums - Pranešimas - Bejelentés - Notifika - Kennisgeving - Zawiadomienie - Notificação - Hlásenie-Obvestilo - Ilmoitus - Anmälan - Нотификация : 2016/0209/UK - Notificare.

No abre el plazo - Nezahtuje odklady - Fristerne indledes ikke - Kein Fristbeginn - Viivituste perioodi ei avata - Καμμία έναρξη προθεσμίας - Does not open the delays - N'ouvre pas de délais - Non fa decorrere la mora - Neietekmē atlikšanu - Atidėjimai nepradedami - Nem nyitja meg a késések - Ma' jiftaħ il-perijodi ta' dawmien - Geen termijnbegin - Nie otwiera opóźnień - Não inicia o prazo - Neotvorí oneskorenia - Ne uvaja zamud - Määräaika ei ala tästä - Inleder ingen frist - Не се предвижда период на прекъсване - Nu deschide perioadele de stagnare - Nu deschide perioadele de stagnare.

(MSG: 201601370.EN)

1. Structured Information Line

MSG 001 IND 2016 0209 UK EN 09-05-2016 UK NOTIF

2. Member State

UK

3. Department Responsible

Department for Business, Innovation and Skills
European Reform Directorate
1 Victoria Street
London, SW1H 0ET

Email: technicalregulations@bis.gsi.gov.uk



3. Originating Department

Highways England
Woodlands
Manton Lane
Bedford
MK41 7LW

4. Notification Number

2016/0209/UK - B00

5. Title

TR 2033
Requirements Specification for the Manufacture and Supply of Weatherproof Cable and Interconnector Assemblies for Signs and Signals

6. Products Concerned

All products and services that are normally used for the construction of highways and ancillary structures on the UK Strategic Trunk Road Network.

7. Notification Under Another Act

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8. Main Content

The Design Manual for Roads and Bridges is the basis of the documentation used by Highways England for new works and maintenance on the UK Strategic Trunk Road Network.

This requirements specification for the manufacture and supply of weatherproof cable and interconnector assemblies provide the detail required to enable the supply of the different types needed for connectivity between existing signs, signals, CMUs and DLCBs.

9. Brief Statement of Grounds

The use of these documents is mandatory for all trunk roads, including motorways, in England. Other UK Overseeing Departments incorporate certain amendments to take account of local conditions.

This document replaces and enhances the existing specifications to align them with the requirements of the Construction Products Regulations (305/2011)) and the Construction Products Regulations 2013 with respect to design, delivery and introduction into service of motorway technology equipment.

10. Reference Documents - Basic Texts

References of the Basic Texts: BS 7671 2008 Appendix No 7 - Requirements for electrical installations. IET Wiring Regulations. Seventeenth edition. Harmonized cable core colours
BS EN 50363-3 2005 Insulating, sheathing and covering materials for low voltage energy cables – Part 3: PVC insulating compounds
BS EN 50363-4-1 2005 Insulating, sheathing and covering materials for low voltage energy cables — Part 4-1: PVC sheathing compounds



BS EN 60068-2-1 Environmental testing. Tests. Test A. Cold
BS EN 60068-2-18 Environmental testing. Test methods. Tests R and guidance. Water
BS EN 60068-2-2 Environmental testing. Tests. Test B. Dry heat
BS EN 60068-2-27 Environmental testing. Tests. Test Ea and guidance. Shock
BS EN 60068-2-30 Environmental testing Tests. Test Db and guidance: Damp heat, cyclic (12 h + 12 h cycle)
BS EN 60068-2-31 Environmental testing. Tests. Test Ec. Rough handling shocks, primarily for equipment-type specimens
BS EN 60068-2-64 Environmental testing. Tests. Test Fh. Vibration, broadband random and guidance.
BS EN 60228 Conductors of Insulated cables
BS EN 60309-1 Plugs, socket-outlets and couplers for industrial purposes Part 1: General requirements
BS EN 60529:1992
+A2:2013 Degrees of protection provided by enclosures (IP code)
BS EN 60811-509 Electric and optical fibre cables. Test methods for non-metallic materials. Mechanical tests.
Test for resistance of insulations and sheaths to cracking (heat shock test)
BS EN ISO 9227 Corrosion tests in artificial atmospheres. Salt spray tests.
MIL-DTL-5015H General Specification for: Connectors, Electrical, Circular, Threaded, AN Type.
PD IEC/TR 62153-4-1 2010 Metallic communication cable test methods. Electromagnetic compatibility (EMC).
Introduction to electromagnetic (EMC) screening measurements
TR 1000 Introduction to the Traffic Systems and Signing Registry. [2014/420/UK]
TR 1100 General Technical Requirements for Motorway Communications Equipment. [2014/423/UK]
TR 2130 Environmental Tests for Communications Equipment and Portable and Permanent Road Traffic Control Equipment for use on Trunk Roads [2014/418/UK]
Basic Texts have been forwarded within the framework of a previous notification: 2014/420/UK: 2014/423/UK

11. Invocation of the Emergency Procedure

No

12. Grounds for the Emergency

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13. Confidentiality

No

14. Fiscal measures

No

15. Impact assessment

-

16. TBT and SPS aspects

TBT aspect

No - The draft has no significant impact on international trade

SPS aspect



EUROPEAN COMMISSION
GROWTH DIRECTORATE-GENERAL

Single Market for goods
Prevention of Technical Barriers

No - The draft is not a sanitary or phytosanitary measure

European Commission

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