



Notification Number: 2016/273/UK

## Manual of Contract Documents for Highway Works Series 1500 - Motorway Communications

Date received : 09/06/2016  
End of Standstill : 12/09/2016 ( 12/12/2016)  
Issue of comments by : Commission  
Issue of detailed opinion by : Commission

### Message

Message 001

Communication from the Commission - TRIS/(2016) 01713

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 : 2016/0273/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 késésket - 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 - He ce предвижда период на прекъсване - Nu deschide perioadele  
de stagnare - Nu deschide perioadele de stagnare.

(MSG: 201601713.EN)

#### 1. Structured Information Line

MSG 001 IND 2016 0273 UK EN 09-06-2016 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](mailto:technicalregulations@bis.gsi.gov.uk)



### 3. Originating Department

Highways England  
Woodlands  
Manton Lane  
Bedford  
MK41 7LW

### 4. Notification Number

2016/0273/UK - B00

### 5. Title

Manual of Contract Documents for Highway Works  
Series 1500 - Motorway Communications

### 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

-

### 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.

General specification requirements that the Highways Agency requires its motorway communication equipment to meet, including Quality, Environmental, Hardware Design, Electrical, Software/Firmware, Safety, Reliability, Installation, Maintenance and Disposal Requirements.

### 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 5834-4 Surface boxes, guards and underground chambers for gas and waterworks purposes. Specification for preformed chambers

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

BS 7430 Code of practice for earthing.

BS 7671 Requirements for Electrical Installations. IET Wiring Regulations.

BS EN 12201-2 Plastics piping systems for water supply, and for drainage and sewerage under pressure.



#### Polyethylene (PE). Pipes

BS EN 124 Gully tops and manhole tops for vehicular and pedestrian areas.

BS EN 12613 Plastics warning devices for underground cables and pipelines with visual characteristics.

BS EN 13101 Steps for underground man entry chambers. Requirements, marking, testing and evaluation of conformity.

BS EN 13242 Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction.

BS EN 1917 Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced.

BS EN 50174-3 Information technology. Cabling installation. Installation planning and practices outside buildings

BS EN 50393 Test methods and requirements for accessories for use on distribution cables of rated voltage 0,6/1,0 (1,2) kV.

BS EN 60898-1 Electrical accessories ± Circuit breakers for overcurrent protection for household and similar installations . Circuit-breakers for a.c. operation

BS EN 60947-7-1 Low-voltage switchgear and controlgear. Ancillary equipment. Terminal blocks for copper conductors

BS EN 61386-1 Conduit systems for cable management. General requirements

BS EN 61386-24 Conduit systems for cable management. Particular requirements. Conduit systems buried underground

BS EN 62305 Protection against lightning.

BS EN 62561 Lightning Protection System Components (LPSC).

BS EN 12767 Passive safety of support structures for road equipment. Requirements, classification and test methods.

GD 1/15 Design Manual for Roads and Bridges GD 01 - Introduction to the Design Manual for Roads and Bridges (DMRB) 2015/083/UK

GD 2/xx Quality Management Systems for Highway Design Activities 2016/267/UK

GD 4/12 Safety Risk Assessment on the Strategic Road Network

MCE 2135 CCTV Outstation camera specification

MCE 2241 Second Generation CCTV - Television Slave Station

MCE 2536 Requirements for CCTV Outstation camera connector

MCG 1022 Test Specification for Motorway Communications and Power Cables

MCH 1349 NMCS Maintenance Instruction Motorway and Trunk Roads Technology Operational and Maintenance Requirements of Technology Systems and Equipment

MCH 1652 Communications records drawings computer aided drawings standard

Series 0000 Introduction 2013/357/UK

Series 0100 Preliminaries 2013/359/UK

Series 0200 Site Clearance 2015/085/UK

Series 0400 Road Restraint Systems

Series 0500 Drainage

Series 0600 Earthworks 2015/250/UK

Series 0800 Unbound pavements 2015/100/UK

Series 1200 Traffic Signs

Series 1300 Road lighting columns

Series 2400 Brickwork, blockwork and stonework

Series 2600 Miscellaneous

Series 3000 Landscape and ecology

Series 8000 Trenchless Installation of Highway Drainage and Service Ducts

TR 1000 Introduction to the Traffic Systems and Signing Registry 2014/174/UK

TR 1100 General Specification for Motorway Signs, Signalling and Communications Equipment 2014/423/UK

TR 2130 Environmental Tests for Motorway Communications Equipment and Portable and Permanent Road Traffic Control Equipment for use on Trunk Roads 2014/418/UK

TRH 2583 General Regulation Highways Agency CABLES



**11. Invocation of the Emergency Procedure**

No

**12. Grounds for the Emergency**

-

**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

No - The draft is not a sanitary or phytosanitary measure

\*\*\*\*\*

European Commission

Contact point Directive (EU) 2015/1535

Fax: +32 229 98043

email: [grow-dir83-189-central@ec.europa.eu](mailto:grow-dir83-189-central@ec.europa.eu)