



Notification Number: 1996/13/UK

TR 2187 controlled motorway - requirements for controlled motorway indicator equipment.

Date received : 11/01/1996
End of Standstill : 17/04/1996 (**17/07/1996**)
Issue of detailed opinion by : Commission

Message

MINISTERE DE L'INDUSTRIE ET DE LA RECHERCHE
ATT. M. MORTUREUX

INSTITUT BELGE DE NORMALISATION,
ATT. M. CROON

INSPECTION DU TRAVAIL ET DES MINES
VIA MINISTERE DES AFFAIRES ETRANGERES
ATT. M. WEBER

MINISTERE DE L'INDUSTRIE
ATT. M. CAVANNA

DEPT. OF TRADE AND INDUSTRY, QUALITY AND EDUCATION DIVISION,
ATT. MRS. B. O'GRADY

GOVERNMENT SERVICE OF INDUSTRY AND COMMERCE, NSAI
ATT. MR. J. NULTY

MINISTERIE VAN ECONOMISCHE ZAKEN, (DEPT OR),
ATT. MR. VAN DER HEIDE

ERHVERVSFREMME STYRELSEN
INDUSTRIMINISTERIET
ATT. MR. KELD DYBKJAER

MINISTRY OF INDUSTRY, ENERGY & TECHNOLOGY
ATT. MR. Z.P. MAVROUKAS

HELLINIKOS ORG. TYPOPOSEOS
ATT. MR. MELAGRAKIS

MIN WIRTSCHAFT
ATT. DR. WINKEL



BUNDESMINISTERIUM FÜR WIRTSCHAFTLICHE ANGELEGENHEITEN
ATT. ABT. I/A/4 FRAU GREGORITH / FRAU HAZLINGER-FENZEL

MIN. PARA RELACIONES CON LA COMUNIDAD
ATT. MR. D. ALFREDO RAMBLA JOVANI

MIN. INDUSTRIE
ATT. MR. ADALBERTO PEREA MARTIN, ESPAGNE

INSTITUTO PORTUGUES DA QUALIDADE
ATT. MR. CANDIDO DOS SANTOS, PORTUGAL

KOMMERSKOLLEGIUM
ATT. MS. KERSTIN CARLSSON

MINISTRY OF TRADE AND INDUSTRY
ATT. MS. TOLONEN

DGS INTERNATIONAL BELGIUM

REP. PERMANENTE ROYAUME UNI

REP. PERMANENTE IRLANDE

REP. PERMANENTE GRECE

EUROPEAN FREE TRADE ASSOCIATION SURVEILLANCE AUTHORITY

EUROPEAN FREE TRADE ASSOCIATION
ATT. MS. MEADEN

TELEX 001

COMMUNICATION FROM THE COMMISSION - SG (96) D/50112
DIRECTIVES 83/189/EEC, 88/182/EEC AND 94/10/EC

NOTIFIKATION - NOTIFIZIERUNG - NOTIFICATION - NOTIFICACION
NOTIFICATION - NOTIFICA - KENNISGEVING - NOTIFICACAO - ILMOITUS
ANMÄLAN : 96/0013/UK.

FRISTERNE INDLEDES IKKE -KEIN FRISTBEGINN - DOES NOT OPEN THE
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MÄÄRÄAIKA EI ALA TÄSTÄ - INLEDER INGEN FRIST.

- 3B1 : 9600112.EN

1. Structured Information Line

TLX 001 IND- 96 0013 UK- EN ----- 960111 --- ---

**2. Member State**

United Kingdom

3. Department Responsible

Department of Trade and Industry: Standards Policy Unit

3. Originating Department

Department of Transport

4. Notification Number

96/0013/UK

5. Title

TR 2187 controlled motorway - requirements for controlled motorway indicator equipment.

6. Products Concerned

Controlled Motorway Indicator equipment.

7. Notification Under Another Act

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8. Main Content

This document defines the requirements for the Controlled Motorway Indicator equipment used in a Controlled Motorway System. It specifies the functional and non functional characteristics and the acceptance criteria of the equipment.

9. Brief Statement of Grounds

The measure proposed is a purchasing specification prepared by the United Kingdom Department of Transport for use in its procurement contract for products used in connection with roads. It does not lay down requirements for the placing of products on the UK market or for their use outside the contract concerned. The purpose of the measure is to ensure that the safety of the road user is not prejudiced and to make the best use of public money.

10. Reference Documents - Basic Texts

i. TR 2187 CONTROLLED MOTORWAY - REQUIREMENTS FOR CONTROLLED MOTORWAY INDICATOR EQUIPMENT.

ii. Referenced texts

Notification Ref

Department of Transport Specifications and Drawings:

TR1100 Technical and Quality Control Requirements for Systems, including parts of systems, manufactured, supplied, installed or maintained
90/0174/UK



TR1173 Multipaircommunications cable polythene
insulated, polythene sheathed armoured
90/0194/UK

TR1238 Power cable for motorway communications
systems (split concentric, armoured)
90/0185/UK

TR2043 NMCS2 Signal Site Equipment
91/0196/UK

TR2067 NMCS2 RS485 Communications
91/0188/UK

TR2070 NMCS2 Message Control
91/0191/UK

TR2072 NMCS2 Signal Subsystem
91/0183/UK

TR2110 NMCS2 Certification and Qualification Package
91/0194/UK

TR2130 Environmental tests for motorway communications
equipment and portable and permanent road traffic control
equipment
91/0252/UK

TR2136 Functional specification for continuous or
discontinuous VMS
93/0272/UK

TR2142 NMCS2 Message Control (RS485) Message Sign
Equipment
92/0358/UK

TR2158 NMCS Armoured Copper Communication Cable
93/0274/UK

TR2161 NMCS Armoured Energy Cable
93/0277/UK

TR2186 Controlled Motorway - Requirements for Enforcement
Equipment
Notified in parallel with this notification

TR2188 Controlled Motorway - Requirements for Ambient
Light Monitor Equipment
Notified in parallel with this notification

TR2189 Controlled Monitor - Requirements for Controlled



Motorway Indicator Structural Arrangements
Notified in parallel with this notification

TRG1068 Electromagnetic Compatibility Tests for
Motorway Communications Equipment and Portable and
Permanent Traffic Control Equipment.
90/0184/UK

TRG1082 Controlled Motorway - Enforcement Equipment Test
and Enforcement Procedures
Notified in parallel with this notification

TRG1083 Controlled Motorway - Controlled Motorway
Indicator and Ambient Light Monitor Test and Acceptance
Procedures
Notified in parallel with this notification

TRH1239 NMCS - Installation Drawings - MCX Drawings
90/0195/UK

TRH1679 Controlled Motorway -Technical Approval
(Structures)
Notified in parallel with this notification

TRH1680 Controlled Motorway - Equipment Installation
Drawings
Notified in parallel with this notification

MCH1349 Maintenance and Operational Requirements for New
Systems and Equipment
Supplied with parallel notification TR2186

MCH1618 NMCS2 Technical Overview
93/0309/UK

BRITISH STANDARDS:

BS873 Road Traffic Signs
90/0044/UK

BS1376 Specification for Colours and Light Signals
90/0188/UK

BS5378 Safety Signs and Colours
89/0139/UK

BS4730 UK 7 Bit Coded Character Set
91/0206/UK

BS6121 Mechanical Cable Glands



90/0195/UK

BS7430 Code of Practice for Earthing
92/0356/UK

BS7671 Requirements for Electrical Installation IEE Wiring
Regulations. 16th edition
93/0023/UK

BS EN 41 003 Safety Requirements for Apparatus for Connection
to British Telecommunication Networks.
Not supplied

MISCELLANEOUS:

DEF STAN 59-35 (PT0) Connectors Electrical and Connectors
Fibre Optic
90/0369/UK

DEF STAN 59-35 (PT3) Connectors Electrical and Connectors
Fibre Optic
91/0196/UK

Electrical Industries Association RS485 Standard
91/0188/UK

Home Office PSDB 27/92 'The Speedmeter Handbook'
Supplied with parallel notification TR2186

MIL - C - 5015 Connectors Electrical Circular Threaded AN
Type
90/0370/UK

iii. N/A

11. Invocation of the Emergency Procedure
No.

12. Grounds for the Emergency
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13. Confidentiality
No.

14. Fiscal measures
No.



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