



Notification Number: 1996/14/UK

## **TR 2188 CONTROLLED MOTORWAY - REQUIREMENTS FOR AMBIENT LIGHT MONITOR 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/50113  
DIRECTIVES 83/189/EEC, 88/182/EEC AND 94/10/EC

NOTIFIKATION - NOTIFIZIERUNG - NOTIFICATION - NOTIFICACION  
NOTIFICATION - NOTIFICA - KENNISGEVING - NOTIFICACAO - ILMOITUS  
ANMÄLAN : 96/0014/UK.

FRISTERNE INDLEDES IKKE -KEIN FRISTBEGINN - DOES NOT OPEN THE  
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DECORRERE LA MORA - GEEN TERMIJNBEGIN - NAO INICIA O PRAZO  
MÄÄRÄAIKA EI ALA TÄSTÄ - INLEDER INGEN FRIST.

- 3B1 : 9600113.EN

**1. Structured Information Line**

TLX 001 IND- 96 0014 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

96/0014/UK

## 5. Title

TR 2188 CONTROLLED MOTORWAY - REQUIREMENTS FOR AMBIENT LIGHT MONITOR EQUIPMENT.

## 6. Products Concerned

Ambient Light Monitoring Equipment for use in Controlled Motorway Systems.

## 7. Notification Under Another Act

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## 8. Main Content

This document defines the requirements of the Ambient Light Monitoring Equipment used in a Controlled Motorway System. It specifies the functional and non functional characteristics and the acceptance criteria.

## 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 contracts 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 2188 CONTROLLED MOTORWAY - REQUIREMENTS FOR AMBIENT LIGHT MONITOR EQUIPMENT.

Referenced texts (sent with TR 2188)

Notification Ref

Department of Transport Specifications and Drawings:

TR1100 Technical and quality control requirements

90/0174/UK

for systems, including parts of systems, manufactured, supplied or installed



TR2043 NMCS2 Signal Site Equipment

91/0196/UK

TR2067 NMCS2 RS485 Communications

91/0196/UK

TR2070 NMCS2 Message Control

91/0191/UK

TR2072 NMCS2 Signals Subsystem

91/0183/UK

TR2130 Environmental Tests for Motorway Communications

91/0252/UK

Equipment and Portable and Permanent Traffic Signals  
Installations

TR2136 Functional specification for continuous or

93/0272/UK

discontinuous VMS

TR2186 Controlled Motorway - Requirements for Enforcement

Equipment NOTIFIED IN PARALLEL WITH THIS NOTIFICATION

TR2187 Controlled Motorway - Requirements for Controlled

Motorway Indicator Equipment

NOTIFIED IN PARALLEL WITH THIS NOTIFICATION

TR2189 Controlled Motorway - 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

Acceptance 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 - Controlled Motorway Indicator -

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 WITH TR2186  
SUPPLIED WITH PARALLEL NOTIFICATION TR2186

MCH1618 NMCS2 Technical Overview  
93/0309/UK

British Standards:

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

BS5378 Safety Signs and Colours  
89/0139/UK

BS6301 Safety Requirements for Apparatus for  
90/0174/UK  
Connection to British Telecommunications Networks.

BS7430 Code of Practice for Earthing  
92/0356/UK

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

BS5378 Safety Signs and Colour  
89/0139/UK

Miscellaneous:

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

DEF STAN 50-35 (PT3) Connectors Electrical and  
91/0196/UK  
Connectors Fibre Optic

Electrical Industries Association RS485 Standard  
91/0188/UK

Electricity at Work Regulations 1989 (SI1989No.635)  
NOT INCLUDED

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

D. WILLIAMSON  
COMEUR  
NNNN