



Notification Number: 1995/169/F

Order relating to the construction, inspection and usage of opacimetres.

Date received : 13/06/1995
End of Standstill : 14/09/1995 (14/12/1995)
Issue of detailed opinion by : Germany

Message

REP PERMANENTE ROYAUME UNI

REP PERMANENTE IRLANDE

REP PERMANENTE GRECE

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

HELLINIKOS ORG. TYPOPISOES
ATT. MR. MELAGRAKIS

DGS INTERNATIONAL BELGIUM

DEPT. OF TRADE AND INDUSTRY, QUALITY AND EDUCATION DIVISION,
ATT. MR. K. LAWLESS

INST INDUST RESEARCH.
ATT. MR. J. NULTY

KOMMERSKOLLEGIUM
ATT. MS. KERSTIN CARLSSON

FINLAND
EUROPEAN FREE TRADE ASSOCIATION SURVEILLANCE AUTHORITY
ATT. M. BOHR

EUROPEAN FREE TRADE ASSOCIATION
ATT. MS. MEADEN

TELEX 002

COMMUNICATION FROM THE COMMISSION - SG (95) D/50946/2
DIRECTIVES 83/189/EEC AND 88/182/EEC
TRANSLATION OF TELEX 001



NOTIFICATION 95/0169/F

- 3B1 : 9500946.EN

1. Structured Information Line

TLX 002 IND- 95 0169 F-- EN ----- 950613 --- ---

2. Member State

France

3. Department Responsible

Secrétariat général du comité interministériel pour les
questions de coopération économique européenne
2 boulevard Diderot - 75012 Paris

Délégué interministériel aux normes
22 rue Monge - 75005 Paris

3. Originating Department

Sous-direction de la métrologie
22 rue Monge - 75005 Paris

4. Notification Number

95/0169/F

5. Title

Order relating to the construction, inspection and usage of
opacimètres.

6. Products Concerned

Instruments measuring the opacity of exhaust gases emitted by
vehicles with compression ignition engines, known as Diesel
engines.

7. Notification Under Another Act

Text concerning equipment used for the technical inspection
of motor vehicles, laid down in directive 92/55/EEC amending
directive 77/143/EEC (paragraphs 8.2.2 et 8.2.3 of the
annex).

8. Main Content

The text lays down regulations relating to the construction,
metrological inspection and usage of opacimètres used in the
technical inspection of vehicles.

The technical requirements are those specified by a draft
standard notified for information purposes under the form in
which it is to be notified, semi-parallel to the present
order, by French standardisation authorities.

9. Brief Statement of Grounds



The aim of a legal inspection of opacimeters is to guarantee the quality of opacity readings.

Inspection of the opacity of exhaust gases has always presented a problem, especially in the case of free acceleration imposed by directive 92/55/EEC.

It can in fact be observed that market opacimeters give results which vary from one another in a way which is metrologically unacceptable, even when an equipment authorisation procedure has been applied.

This fault having been noted has led to provisions being drawn up which are designed to harmonise the results:

- part 1 of the standard defining a standard opacimeter, thus enabling conventional calibration.
- part 3 of the standard defining a procedure for the use of opacimeters.

Moreover an ISO draft standard relating to opacimeters does exist but turns out ill-suited for the cases of free acceleration and its implementation in order to check the compliance of an opacimeter is costly, not to say technically impossible in certain respects.

Therefore parts 2 and 4 of the standard have had to be elaborated upon.

Together the 4 parts represent a new approach to opacimeters, which should be acceptable to all countries as the panel of experts on standardisation invested heavily in it and it comprised representatives of manufacturers of opacimeters from several European countries (Germany, Austria, Italy, United Kingdom).

10. Reference Documents - Basic Texts

Reference texts

- Decree of 6 May 1988 relating to the inspection of measuring instruments and its amending decree (the texts are not enclosed as they were the subject of notification 95/0014/F)
- Order of 1 March 1990 taken in application of the decree of 6 May 1988
- Standard relating to opacimeters
 - part 1: standard opacimeter
 - part 2: commercial opacimeter
 - part 3: procedures for usage
 - part 4: metrological inspection procedures

11. Invocation of the Emergency Procedure



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12. Grounds for the Emergency

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D. WILLIAMSON
COMEUR
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