



Notification Number: 1996/230/F

Order relating to the construction and inspection of instruments intended to measure, in the case of vehicles fitted with a petrol engine, the content of the different exhaust components enabling the calculation of parameter ? or the content of carbon monoxide and carbon dioxide in exhaust fumes.

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Issue of comments by : Commission

Message

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TELEX 002

COMMUNICATION FROM THE COMMISSION - SG (96) D/51007/2
DIRECTIVES 83/189/EEC, 88/182/EEC AND 94/10/EC
TRANSLATION OF TELEX 001
NOTIFICATION 96/0230/F

- 3B1 : 9601007.EN

1. Structured Information Line

TLX 002 IND- 96 0230 F-- EN ----- 960613 --- ---

2. Member State

France

3. Department Responsible

Secretariat General du Comite Interministeriel pour les
Questions de Cooperation Economique Europeenne
2, boulevard Diderot - 75012 PARIS
Delegation Interministerielle aux Normes
22, rue Monge - 75005 PARIS

3. Originating Department

Sous-Direction de la Metrologie
22, rue Monge - 75005 PARIS

4. Notification Number

96/0230/F

5. Title

Order relating to the construction and inspection of
instruments intended to measure, in the case of vehicles
fitted with a petrol engine, the content of the different
exhaust components enabling the calculation of parameter ? or
the content of carbon monoxide and carbon dioxide in exhaust
fumes.

6. Products Concerned

Exhaust fume analyzers for measuring the content of carbon
oxides, hydrocarbon combustion residues, oxygen (O₂), and for
calculating the lamda parameter (richness of the mixture).

7. Notification Under Another Act

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8. Main Content

The text specifies the methods of metrological inspection and
construction requirements.



Regarding the second point, the instruments may be recognised as conforming:

- either if they conform to the specification list appended to the draft
- or if they conform to standard NF R 10-019

The appended specification list conforms to recommendation R 99 of the OIML, supplemented with regard to O2 and ? by the provisions contained in the circulated draft amendment to R 99. The specification list itself refers to standard NF R 10-019 regarding the method of calculating ? but the method used by the standard is that which appears in the draft amendment to R 99 (simplified BRETTSCHEIDER formula).

Standard NF R 10-019 conforms to standard ISO 3930. These international texts (OIML and ISO) diverge on a few points, but it would appear useful to retain the two specification lists according to preference.

It should be noted that the French standard is not attached to the present notification since on the one hand it conforms to standard ISO 3930 and on the other hand its conformity can be assured by the OIML specification list contained in the present draft.

9. Brief Statement of Grounds

Carbon oxide gas analyzers have been subject to regulation for a number of years in France.

The entering into force of the provisions of Directive 92/55 relating to the technical inspection of vehicles and providing for requirements regarding the precision of the calculation of ?, applicable as from 1st January 1997, necessitate an adapting of the regulations.

10. Reference Documents - Basic Texts

- Decree of 6 May 1988
- Order of 1st March 1990
- Order of 22 March 1993

11. Invocation of the Emergency Procedure

No

12. Grounds for the Emergency

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13. Confidentiality

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14. Fiscal measures



EUROPEAN COMMISSION
GROWTH DIRECTORATE-GENERAL

Single Market for goods
Prevention of Technical Barriers

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D. WILLIAMSON
COMEUR
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