

Council Directive of 6 February 1970 on the approximation of the laws of the Member States relating to the permissible sound level and the exhaust system of motor vehicles (70/157/EEC)

[<sup>F1</sup>ANNEX II**Textual Amendments**

- F1** Substituted by [Commission Directive 2007/34/EC of 14 June 2007 amending, for the purposes of its adaptation to technical progress, Council Directive 70/157/EEC concerning the permissible sound level and the exhaust system of motor vehicles \(Text with EEA relevance\).](#)

**ADMINISTRATIVE PROVISIONS FOR EC TYPE-APPROVAL OF EXHAUST SYSTEMS AS SEPARATE TECHNICAL UNITS (REPLACEMENT EXHAUST SYSTEMS)**

1. APPLICATION FOR EC TYPE-APPROVAL
  - 1.1. The application of EC type-approval pursuant to Article 3(4) of Directive 70/156/EEC in respect of a replacement exhaust system or component thereof as a separate technical unit shall be submitted by the vehicle manufacturer or the manufacturer of the separate technical unit in question.
  - 1.2. A model for the information document is given in Appendix 1.
  - 1.3. At the request of the technical service concerned, the applicant must submit:
    - 1.3.1. two examples of the system in respect of which application for EC type-approval has been made,
    - 1.3.2. an exhaust system of the type originally fitted to the vehicle when EC type-approval was granted,
    - 1.3.3. a vehicle representative of the type to which the system is to be fitted, which meets the requirements of item 4.1 of Annex 7 of UN/ECE Regulation No 51 as referred to in Annex III of this Directive.
    - 1.3.4. a separate engine corresponding to the type of vehicle described above.
2. MARKINGS
  - 2.4.1. The replacement exhaust system or its components, excluding fixing hardware and pipes must bear:
    - 2.4.1.1. the trademark or trade name of the manufacturer of the replacement system and its components,
    - 2.4.1.2. the manufacturer's trade description,
  - 2.4.2. These marks must be clearly legible and indelible, even when the system is fitted to the vehicle.
3. GRANTING OF EC TYPE-APPROVAL
  - 3.1. If the relevant requirements are satisfied, EC type-approval pursuant to Article 4(3) and, if applicable, Article 4(4) of Directive 70/156/EEC shall be granted.
  - 3.2. A model for the EC type-approval certificate is given in Appendix 2.
  - 3.3. A type-approval number in accordance with Annex VII to Directive 70/156/EEC shall be assigned to each type of replacement exhaust system or component thereof approved as a separate technical unit; section 3 of the type-approval number shall indicate the number of the amending Directive which was applicable at the time of the

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vehicle type-approval. The same Member State shall not assign the same number to another type of replacement exhaust system or component thereof.

4. EC TYPE-APPROVAL MARK

4.1. Every replacement exhaust system or component thereof, excluding fixing hardware and pipes, conforming to a type approved under this Directive shall bear an EC type-approval mark.

4.2. The EC type-approval mark shall consist of a rectangle surrounding the lower case letter 'e' followed by the distinguishing letter(s) or number of the Member State which has granted the approval:

'1' for Germany

'2' for France

'3' for Italy

'4' for the Netherlands

'5' for Sweden

'6' for Belgium

'7' for Hungary

'8' for the Czech Republic

'9' for Spain

'11' for the United Kingdom

'12' for Austria

'13' for Luxembourg

'17' for Finland

'18' for Denmark

'19' for Romania

'20' for Poland

'21' for Portugal

'23' for Greece

'24' for Ireland

[<sup>F2</sup>'25' for Croatia]

'26' for Slovenia

'27' for Slovakia

'29' for Estonia

'32' for Latvia

'34' for Bulgaria

'36' for Lithuania

'49' for Cyprus

'50' for Malta

It must also include in the vicinity of the rectangle the 'base approval number' contained in section 4 of the type-approval number referred to in Annex VII to Directive 70/156/EEC, preceded by the two figures indicating the sequence number assigned to the most recent major technical amendment to Council Directive 70/157/EEC which was applicable at the time of the vehicle type-approval. For Directive 70/157/EEC, the sequence number is 00; for Directive 77/212/EEC the sequence number is 01; for Directive 84/424/EEC the sequence number is 02; for Directive 92/97/EEC and this Directive the sequence number is 03. Sequence number

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03 reflects as well the technical requirements of the 00 series of amendments of UN/ECE Regulation No 59.

- 4.3. The mark must be clearly legible and indelible even when the replacement exhaust system or component thereof is fitted to the vehicle.
- 4.4. An example of the EC type-approval mark is shown in Appendix 3.
- 5. MODIFICATION OF THE TYPE AND AMENDMENTS TO APPROVALS
- 5.1. In the case of modifications of the type approved pursuant to this Directive, the provisions of Article 5 of Directive 70/156/EEC shall apply.
- 6. CONFORMITY OF PRODUCTION
- 6.1. Measures to ensure the conformity of production shall be taken in accordance with the requirements laid down in Article 10 to Directive 70/156/EEC.
- 6.2. Special provisions:
  - 6.2.1. The tests referred to item 2.3.5 of Annex X to Directive 70/156/EEC are those prescribed in Annex 5 of UN/ECE Regulation No 59 as referred to in Annex III of this Directive.
  - 6.2.2. The frequency of inspections referred to in item 3 of Annex X to Directive 70/156/EEC is normally one every two years.

#### Appendix 1

Information Document No ... relating to EC type-approval as separate technical unit of exhaust systems for motor vehicles (Directive 70/157/EEC, as last amended by Directive .../.../EC)

The following information, if applicable, must be supplied in triplicate and include a list of contents. Any drawings must be supplied in appropriate scale and in sufficient detail on size A4 or on a folder of A4 format. Photographs, if any, must show sufficient detail.

If the systems, components or separate technical units have electronic controls, information concerning their performance must be supplied.

- 0. General
  - 0.1. Make (trade name of manufacturer):
  - 0.2. Type and general commercial description(s):
  - 0.5. Name and address of manufacturer:
  - 0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark:
  - 0.8. Address(es) of assembly plant(s):
  - 1. Description of the vehicle for which the device is intended (if the device is intended to be fitted to more than one vehicle type the information requested under this point shall be supplied for each type concerned)
    - 1.1. Make (trade name of manufacturer):
    - 1.2. Type and general commercial description(s):

- 1.3. Means of identification of type, if marked on the vehicle:
- 1.4. Category of vehicle:
- 1.5. EC type-approval number with regard to sound level:
- 1.6. All the information mentioned in items 1.1 to 1.5 of the type-approval certificate concerning the vehicle (Annex I, Appendix 2 to this Directive):
2. Description of the device
  - 2.1. A description of the replacement exhaust system indicating the relative position of each system component, together with mounting instructions:
  - 2.2. Detailed drawings of each component, so that they can be easily located and identified, and reference to the materials used. These drawings must indicate the place provided for the compulsory affixing of the EC type-approval mark:

Date, File

## Appendix 2

### MODEL

EC (Maximum Format: A4 (210 × 297 mm))

TYPE-  
APPROVAL  
CERTIFICATE

Stamp of administration

Communication concerning the

- type-approval<sup>(1)</sup>
- extension of type-approval<sup>(1)</sup>
- refusal of type-approval<sup>(1)</sup>
- withdrawal of type-approval<sup>(1)</sup>

of a type of a vehicle/component/separate technical unit<sup>(1)</sup> with regard to Directive .../.../EEC, as last amended by Directive .../.../EC.

Type-approval number:

Reason for extension:

### SECTION 1.

I

- Make (trade name of manufacturer):
- 0.2. Type and general commercial description(s):
- 0.3. Means of identification of type if marked on the vehicle/component/separate technical unit<sup>(1)(2)</sup>:
  - 0.3.1. Location of that marking:
- 0.4. Category of vehicle<sup>(3)</sup>:

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- 0.5. Name and address of manufacturer:
- 0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark:
- 0.8. Address(es) of assembly plant(s):

## SECTION.

## II

- Additional information (where applicable): See Addendum
- 2. Technical service responsible for carrying out the tests:
- 3. Date of test report:
- 4. Number of test report:
- 5. Remarks (if any): See Addendum
- 6. Place:
- 7. Date:
- 8. Signature:
- 9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

## Addendum to EC type-approval certificate No ...

concerning the separate technical unit type-approval of exhaust systems for motor vehicles with regard to Directive 70/157/EEC as last amended by Directive .../.../EC

- 1. Additional information
  - 1.1. Composition of the separate technical unit:
  - 1.2. Trademark or trade name of the type(s) of motor vehicle to which the silencer is to be fitted<sup>(4)</sup>
  - 1.3. Type(s) of vehicle and its/their type-approval number(s):
  - 1.4. Engine
    - 1.4.1. Type (positive ignition, diesel):
    - 1.4.2. Cycles: two-stroke, four-stroke:
    - 1.4.3. Total cylinder capacity:
    - 1.4.4. Rated maximum engine power kW at min<sup>-1</sup>
  - 1.5. Number of gear ratios:
  - 1.6. Gear ratios employed:
  - 1.7. Drive-axle ratios(s):
  - 1.8. Sound-level values:

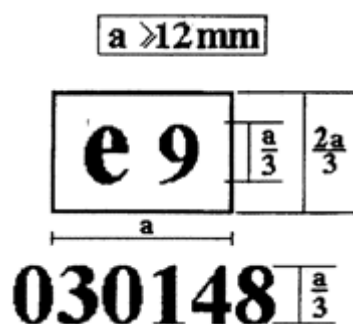
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moving vehicle: dB(A), speed stabilised before acceleration at km/h;  
stationary vehicle dB(A), at min<sup>-1</sup>

- 1.9. Value of the back pressure:
- 1.10. Any restrictions in respect of use and mounting requirements:
2. Remarks:

### Appendix 3

Model for the EC type-approval mark



The exhaust system or component thereof bearing the above EC type-approval mark is a device which has been approved in Spain (e 9) pursuant to Directive 92/97/EEC (03) under the base approval number 0148.

The figures used are only indicative.]

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- (1) [<sup>F1</sup>Delete as applicable.]
- (2) [<sup>F1</sup>If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by the type-approval certificate such characters shall be represented in the documentation by the symbol: '?' (e.g. ABC??123??).]
- (3) [<sup>F1</sup>As defined in Annex IIA to Directive 70/156/EEC.]
- (4) [<sup>F1</sup>If several types are indicated, items 1.3 to 1.10 inclusive must be completed in respect of each type.]

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