

## ANNEX II

## ANNEX XVII

**PROCEDURES TO BE FOLLOWED DURING  
MULTI-STAGE EC TYPE-APPROVAL**

1. OBLIGATIONS OF MANUFACTURERS
  - 1.1. The satisfactory operation of the process of multi-stage EC type-approval requires joint action by all the manufacturers concerned. To this end approval authorities must ensure, before granting first and subsequent stage approval, that suitable arrangements exist between the relevant manufacturers for the supply and interchange of documents and information such that the completed vehicle type meets the technical requirements of all the relevant regulatory acts as prescribed in Annex IV or Annex XI. Such information must include details of relevant system, component and separate technical unit approvals and of vehicle parts which form part of the incomplete vehicle but are not yet approved. The manufacturer of the previous stage shall provide information to the manufacturer of the subsequent stage regarding any change that may affect system type-approvals or the whole vehicle type-approval. Such information shall be provided as soon as the new extension to the whole vehicle type has been issued and at the latest on the starting date of production of the incomplete vehicle.
  - 1.2. Each manufacturer in a multi-stage EC type-approval process is responsible for the approval and conformity of production of all systems, components or separate technical units manufactured by him or added by him to the previously built stage. The manufacturer of the subsequent stage is not responsible for subjects which have been approved in an earlier stage except in those cases where he modifies relevant parts to an extent that the previously granted approval becomes invalid.
  - 1.3. The multi-stage procedure may be used by a single manufacturer. However, the multi-stage procedure shall not be used to circumvent the requirements applicable to vehicles built in a single stage. In particular, vehicles approved in this way are not considered to be multi-stage build in the context of paragraph 3.4 of this Annex and Articles 22, 23 and 27 of this Directive (Small series and End of Series limits).
2. OBLIGATIONS OF TYPE-APPROVAL AUTHORITIES
  - 2.1. The type-approval authority shall:
    - (a) verify that all EC type-approval certificates issued pursuant to the regulatory acts which are applicable for vehicle type-approval cover the vehicle type at its state of completion and correspond to the prescribed requirements;
    - (b) ensure that all the relevant data, taking account of the state of completion of the vehicle, is included in the information folder;
    - (c) by reference to the documentation make sure that the vehicle specification(s) and data contained in Part I of the vehicle information folder are included in the data in the information packages and in the EC type-approval certificates, in respect of the relevant regulatory acts; and in the case of a completed vehicle, where an item number in Part I of the information folder is not included in the information package of any of the regulatory acts, confirm that the relevant part or characteristic conforms to the particulars in the information folder;

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- (d) on a selected sample of vehicles from the type to be approved carry out or arrange to be carried out inspections of vehicle parts and systems to verify that the vehicle(s) is/are built in accordance with the relevant data contained in the authenticated information package in respect of all relevant regulatory acts;
  - (e) carry out or arrange to be carried out relevant installation checks in respect of separate technical units where applicable.
- 2.2. The number of vehicles to be inspected for the purposes of paragraph 2.1(d) shall be sufficient to permit the proper control of the various combinations to be EC type-approved according to the state of completion of the vehicle and the following criteria:
- engine,
  - gearbox,
  - powered axles (number, position, interconnection),
  - steered axles (number and position),
  - body styles,
  - number of doors,
  - hand of drive,
  - number of seats,
  - level of equipment.
3. APPLICABLE REQUIREMENTS
- 3.1. EC type-approvals in accordance with this Annex are granted on the basis of the current state of completion of the vehicle type and shall incorporate all approvals granted at earlier stages.
- 3.2. For the whole vehicle type-approval, the legislation (in particular the requirements of Annex II and the particular acts listed in Annex IV and Annex XI to this Directive) shall apply in the same manner as if the approval would be granted (or extended) to the manufacturer of the base vehicle.
- 3.2.1 If a vehicle system/component type has not been modified, the system/component approval granted in the previous stage remains valid as long as the date for first registration in the particular regulatory act has not been reached.
- 3.2.2. Where a vehicle system type has been modified at the subsequent stage to the extent that it has to be retested for type-approval purposes, the assessment shall be limited to only those parts of the system which have been modified or affected by the changes.
- 3.2.3 Where a vehicle system or whole vehicle type has been modified by another manufacturer at the subsequent stage to the extent that, except the manufacturer name, it may still be considered as the same type, the requirement applying to existing types may still be applied as long as the date for first registration in the relevant regulatory act has not been reached.
- 3.2.4. Where the category of a vehicle is changed, the relevant requirements for the new category shall be fulfilled. The type-approval certificates from the previous category may be accepted provided that the requirements that the vehicle complies with are the same or more stringent than those applying to the new category.
- 3.3. Subject to the agreement of the approval authority, a whole vehicle type-approval granted to the manufacturer of the subsequent stage needs not to be extended or revised where an extension given at the previous stage vehicle does not affect the subsequent stage or the technical data of the vehicle. However, the type-approval

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number including the extension of the previous stage(s) vehicle shall be copied in point 0.2.2 of the certificate of conformity of the subsequent stage vehicle.

3.4. Where the cargo area of a complete or completed vehicle of category N or O is modified by another manufacturer for the addition of removable fittings to store and secure the cargo (for example, load space lining, storage racks and roof racks), such items can be treated as part of the pay-mass and an approval is not needed, if both of the following conditions are met:

- (a) the modifications do not affect the vehicle's type-approval in any way, other than an increase of the actual mass of the vehicle;
- (b) the added fittings can be removed without using special tools.

#### 4. IDENTIFICATION OF THE VEHICLE

4.1. The identification number of the base vehicle (VIN) prescribed by Regulation (EU) No 19/2011<sup>(1)</sup> shall be retained during all the subsequent stages of the type-approval process to ensure the “traceability” of the process.

4.2. At the second and subsequent stages, in addition to the statutory plate prescribed by Regulation (EU) No 19/2011, each manufacturer shall affix to the vehicle an additional plate the model of which is shown in the appendix to this Annex. This plate shall be firmly attached, in a conspicuous and readily accessible position on a part not subject to replacement in use. It shall show clearly and indelibly the following information in the order listed:

- name of the manufacturer,
- Sections 1, 3 and 4 of the EC type-approval number,
- the stage of approval,
- vehicle identification number of the base vehicle,
- technically permissible maximum laden mass of the vehicle where the value has changed during the current stage of approval,
- technically permissible maximum laden mass of the combination (where the value has changed during the current stage of approval and where the vehicle is permitted to tow a trailer). “0” shall be used if the vehicle is not permitted to tow a trailer,
- technically permissible maximum mass on each axle, listed in order from front to rear where the value has changed during the current stage of approval,
- in the case of a semi-trailer or centre-axle trailer, the technically permissible maximum mass at the coupling point where the value has changed during the current stage of approval.

Unless otherwise provided for above, the plate shall comply with the requirements of Annex I and Annex II to Regulation (EU) No 19/2011.

#### Appendix

##### MODEL OF THE MANUFACTURER'S ADDITIONAL PLATE

The example below is given as a guide only.

MANUFACTURER'S NAME (stage 3)

e2\*2007/46\*2609

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Stage 3

WD9VD58D98D234560

1 500 kg

2 500 kg

1 – 700 kg

2 – 810 kg

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- (1) Commission Regulation (EU) No 19/2011 of 11 January 2011 concerning type-approval requirements for the manufacturer's statutory plate and for the vehicle identification number of motor vehicles and their trailers and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor ([OJ L 8, 12.1.2011, p. 1.](#))

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**Changes and effects yet to be applied to :**

- Regulation implicit repeal by [EUR 2018/858](#) Regulation