

## ANNEX IX

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

1. Obligations of manufacturers
  - 1.1. The satisfactory operation of the multi-stage type-approval requires joint action by all the manufacturers concerned. To that end approval authorities must ensure, before granting first and subsequent stage type-approvals, that suitable arrangements exist between the relevant manufacturers for the supply and interchange of documents and information, so that the completed type of vehicle meets the technical requirements of all the relevant regulatory acts listed in Annex II. Such information must include details of relevant system, component and separate technical unit type-approvals and of vehicle parts that form part of the incomplete vehicle but have not yet been type-approved.
  - 1.2. Each manufacturer involved in a multi-stage type-approval shall be responsible for the approval and conformity of production of all systems, components or separate technical units manufactured or added by that manufacturer to the previously built stage. The manufacturer of the subsequent stage shall not be responsible for objects that have been approved in an earlier stage, except where that manufacturer modifies relevant parts to such an extent that the previously granted type-approval becomes invalid.
2. Obligations of approval authorities
  - 2.1. The approval authority shall:
    - (a) verify that all EU type-approval certificates issued pursuant to the regulatory acts that are applicable for vehicle type-approval cover the type of vehicle 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 ensure that the vehicle specification(s) and data contained in the information folder are included in the data in the information packages and in the EU type-approval certificates issued in accordance with the relevant regulatory acts; and in the case of a completed vehicle, where an item number 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;
    - (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 accordance with all relevant regulatory acts; and
    - (e) where required carry out, or arrange to be carried out, relevant installation checks for separate technical units.
  - 2.2. The number of vehicles to be inspected for the purposes of point 2.1 (d) shall be sufficient to permit the proper control of the various combinations to be EU 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. Multi-stage type-approvals shall be granted on the basis of the state of completion of the type of vehicle and shall incorporate all type-approvals granted at earlier stages.
- 3.2. For the whole-vehicle type-approval, this Regulation (in particular the requirements of Annex I and the particular regulatory acts listed in Annex II) shall apply in the same manner as if the approval would have been granted (or extended) to the manufacturer of the base vehicle.
- 3.2.1. Where a type of system, component or separate technical unit has not been modified, the system, component or separate technical unit type-approval granted in the previous stage shall remain valid until the expiration date for the first registration, as specified in the particular regulatory act.
- 3.2.2. Where a type of system has been modified at the subsequent stage of completion of the vehicle, to the extent that the system has to be retested for type-approval purposes, that retesting shall be limited to only those parts of the system that have been modified or affected by the changes.
- 3.2.3. Where a type of vehicle or a type of system has been modified by another manufacturer at the subsequent stage of completion of the vehicle, to the extent that, apart from the manufacturer's name, the vehicle or system 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. The change of category of a vehicle shall lead to the application of the relevant requirements to the new category of vehicle. The EU type-approval certificates from the previous category shall be accepted provided that the vehicle complies with the same requirements as, 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 of completion of the vehicle does not need 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 number including the extension of the previous stage(s) vehicle shall be copied in 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 a type-approval is not needed, provided 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 VIN, prescribed by Regulation (EU) No 19/2011, shall be retained during all the subsequent stages of the type-approval 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 clearly and indelibly show the following information in the order listed:
- the name of the manufacturer;
  - sections 1, 3 and 4 of the EU type-approval number;
  - the stage of approval;
  - the VIN of the base vehicle;
  - the technically permissible maximum laden mass of the vehicle where the value has changed during the current stage of approval;
  - the 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;
  - the 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 in point 4.1 and this point the additional plate shall comply with the requirements set out in Annex I and Annex II to Regulation (EU) No 19/2011.

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*Status: This is the original version (as it was originally adopted).*

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## Appendix

### Model of the manufacturer's additional plate

The example below is given as a guide only.

MANUFACTURER'S NAME (stage 3)

e2\*201X/XX\*2609

Stage 3

WD9VD58D98D234560

1 500 kg

2 500 kg

1 – 700 kg

2 – 810 kg