#### ANNEX III

### Information document for the purpose of EC type-approval of vehicles

(For explanatory notes, please refer to last page of Annex I)

# PART I

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.

- A: For Categories M and N
- 0. GENERAL
- 0.1. Make trade name of manufacturer:
- 0.2. Type: ...
- 0.2.1. Commercial name(s) (if available):
- 0.3. Means of identification of type, if marked on the vehicle (<sup>b</sup>): ...
- 0.3.1. Location of that marking: ...
- 0.4. Category of vehicle (<sup>c</sup>):
- 0.4.1. Classification(s) according to the dangerous goods which the vehicle is intended to transport: ...
- 0.5. Name and address of manufacturer: ...
- 0.8. Address(es) of assembly plant(s):
- 0.9. Name and address of the manufacturer's representative (if any):
- 1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE
- 1.1. Photographs and/or drawings of a representative vehicle:
- 1.3. Number of axles and wheels:
- 1.3.2. Number and position of steered axles:
- 1.3.3. Powered axles (number, position, interconnection):
- 1.4. Chassis (if any) (overall drawing):
- 1.6. Position and arrangement of the engine:
- 1.8. Hand of drive: left/right (<sup>1</sup>)
- 1.8.1. Vehicle is equipped to be driven in right/left (<sup>1</sup>) hand traffic
- 2. MASSES AND DIMENSIONS (<sup>e</sup>) (in kg and mm)

(Refer to drawing where applicable)

- 2.1. Wheelbase(s) (fully loaded) (<sup>f</sup>):
- 2.3.1. Track of each steered axle  $(^{i})$ :
- 2.3.2. Track of all other axles  $(^{i})$ :
- 2.4. Range of vehicle dimensions (overall)
- 2.4.2. For chassis with bodywork
- 2.4.2.1. Length (<sup>j</sup>):
- 2.4.2.1.1.Length of the loading area:
- 2.4.2.2. Width (<sup>k</sup>):
- 2.4.2.2.1. Thickness of the walls (in the case of vehicles designed for controlled-temperature transport of goods):

IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

- 2.4.2.3. Height (in running order) (<sup>1</sup>) (for suspensions adjustable for height, indicate normal running position):
- 2.6. Mass of the vehicle with bodywork and, in the case of a towing vehicle of a category other than  $M_1$ , with coupling device, if fitted by the manufacturer, in running order, or mass of the chassis or chassis with cab, without bodywork and/or coupling device, if the manufacturer does not fit the bodywork and/or coupling device (including liquids, tools, spare wheel, if fitted, and driver and, for buses and coaches, a crew member if there is a crew seat in the vehicle) (°) (maximum and minimum for each variant):
- 2.6.1. Distribution of this mass among the axles and, in the case of a semi-trailer or centreaxle trailer, load on the coupling point (maximum and minimum for each variant):
- 2.7. Minimum mass of the completed vehicle as stated by the manufacturer, in the case of an incomplete vehicle:
- 2.8. Technically permissible maximum laden mass stated by the manufacturer  $\binom{y}{x}$  (\*):
- 2.8.1. Distribution of this mass among the axles and, in the case of a semi-trailer or centreaxle trailer, load on the coupling point (\*):
- 2.9. Technically permissible maximum mass on each axle:
- 2.10. Technically permissible maximum mass on each axle group:
- 2.11. Technically permissible maximum towable mass of the motor vehicle in case of
- 2.11.1. Drawbar trailer:
- 2.11.2. Semi-trailer:
- 2.11.3. Centre-axle trailer:
- 2.11.4. Technically permissible maximum mass of the combination:
- 2.11.5. Vehicle is/is not (<sup>1</sup>) suitable for towing loads (item 1.2 of Annex II to Directive 77/389/ EEC)

- 2.11.6. Maximum mass of unbraked trailer:
- 2.12. Technically permissible maximum static vertical load/mass on the vehicle's coupling point
- 2.12.1. Of the motor vehicle:
- 2.16. Intended registration/in service maximum permissible masses (optional: where these values are given, they shall be verified in accordance with the requirements of Annex IV to Directive 97/27/EC):
- 2.16.1. Intended registration/in service maximum permissible laden mass (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.2. Intended registration/in service maximum permissible mass on each axle and, in the case of a semi-trailer or centre-axle trailer, intended load on the coupling point stated by the manufacturer if lower than the technically permissible maximum mass on the coupling point (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.3. Intended registration/in service maximum permissible mass on each axle group (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.4. Intended registration/in service maximum permissible towable mass (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.5. Intended registration/in service maximum permissible mass of the combination (Several entries possible for each technical configuration (<sup>#</sup>)):
- 3. POWER PLANT (<sup>q</sup>) (In the case of a vehicle that can run either on petrol, diesel, ..., or also, in combination with another fuel, items shall be repeated (<sup>+</sup>))
- 3.1. Manufacturer:
- 3.1.1. Manufacturer's engine code as marked on the engine:
- 3.2. Internal combustion engine
- 3.2.1.1. Working principle: positive ignition/compression ignition, four stroke/two stroke (<sup>1</sup>)
- 3.2.1.2. Number and arrangement of cylinders:
- 3.2.1.3. Engine capacity (<sup>s</sup>):  $\dots$  cm<sup>3</sup>
- 3.2.1.6. Normal engine idling speed  $(^2)$ : ... min<sup>-1</sup>
- 3.2.1.8. Maximum net power (<sup>t</sup>): ... kW at ...  $min^{-1}$  (manufacturer's declared value)
- 3.2.1.9. Maximum permitted engine speed as prescribed by the manufacturer: ...  $min^{-1}$
- 3.2.2. Fuel: Diesel oil/Petrol/LPG/NG/Ethanol: (<sup>1</sup>)
- 3.2.2.1. RON leaded:
- 3.2.2.2. RON, unleaded:
- 3.2.4. Fuel feed

- 3.2.4.1. By carburettor(s): yes/no  $(^1)$
- 3.2.4.2. By fuel injection (compression ignition only): yes/no  $\binom{1}{2}$
- 3.2.4.2.2. Working principle: direct injection/pre-chamber/swirl chamber (1)
- 3.2.4.3. By fuel injection (positive ignition only): yes/no  $\binom{1}{2}$
- 3.2.7. Cooling system: liquid/air (<sup>1</sup>)
- 3.2.8. Intake system
- 3.2.8.1. Pressure charger:  $yes/no(^1)$
- 3.2.12. Measures taken against air pollution
- 3.2.12.2. Additional anti-pollution devices (if any, and if not covered by another heading)

IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

- 3.2.12.2.1 Catalytic converter: yes/no (<sup>1</sup>)
- 3.2.12.2.2Oxygen sensor: yes/no (<sup>1</sup>)
- 3.2.12.2.3Air injection: yes/no (<sup>1</sup>)
- 3.2.12.2.4Exhaust gas recirculation: yes/no (<sup>1</sup>)
- 3.2.12.2.5 Evaporative emissions control system: yes/no (<sup>1</sup>)
- 3.2.12.2.6 Particulate trap: yes/no (<sup>1</sup>)
- 3.2.12.2.7 On-board-diagnostic (OBD) system: yes/no (<sup>1</sup>)
- 3.2.12.2.80ther systems (description and operation):
- 3.2.13. Location of the absorption coefficient symbol (compression ignition engines only):
- 3.2.15. LPG fuelling system: yes/no  $(^1)$
- 3.2.16. NG fuelling system:  $yes/no(^1)$
- 3.3. Electric motor
- 3.3.1. Type (winding, excitation): ...
- 3.3.1.1. Maximum hourly output: ... kW
- 3.3.1.2. Operating voltage: ... V
- 3.3.2. Battery
- 3.3.2.4. Position:
- 3.6.5. Lubricant temperature
- minimum: ... K

maximum: ... K

- 4. TRANSMISSION (<sup>v</sup>)
- 4.2. Type (mechanical, hydraulic, electric, etc.):
- 4.5. Gearbox
- 4.5.1. Type (manual/automatic/CVT (continuously variable transmission)) (<sup>1</sup>)
- 4.6. Gear ratios

Gear	Internal gearbox ratios (ratios of engine to gearbox output shaft revolutions)	Final drive ratio(s) (ratio of gearbox output shaft to driven wheel revolutions)	Total gear ratios
Maximum for CVT 1 2 3			
 Minimum for CVT			
Reverse			

- 4.7. Maximum vehicle speed (in km/h) (<sup>w</sup>):
- 5. AXLES
- 5.1. Description of each axle:
- 5.2. Make:
- 5.3. Type: ...
- 5.4. Position of retractable axle(s):
- 5.5. Position of loadable axle(s):
- 6. SUSPENSION
- 6.2. Type and design of the suspension of each axle or wheel:
- 6.2.1. Level adjustment: yes/no/optional (<sup>1</sup>)
- 6.2.3. Air-suspension for driving axle(s): yes/no  $\binom{1}{2}$
- 6.2.3.1. Suspension of driving axle equivalent to air-suspension: yes/no  $\binom{1}{2}$
- 6.2.3.2. Frequency and damping of the oscillation of the sprung mass:
- 6.6.1. Tyre/Wheel combination(s) (for tyres indicate size designation, minimum loadcapacity index, minimum speed category symbol; for wheels indicate rim size(s) and off-set(s))

<sup>6.6.1.1.</sup> Axles

- 6.6.1.1.1.Axle 1:
- 6.6.1.1.2. Axle 2:

etc.

- 6.6.1.2. Spare wheel, if any:
- 6.6.2. Upper and lower limits of rolling radii
- 6.6.2.1. Axle 1:
- 6.6.2.2. Axle 2:

etc.

- 7. STEERING
- 7.2. Transmission and control
- 7.2.1. Type of steering transmission (specify for front and rear, if applicable):
- 7.2.2. Linkage to wheels (including other than mechanical means; specify for front and rear, if applicable):
- 7.2.3. Method of assistance, if any:
- 8. BRAKES
- 8.5. Anti-lock braking system: yes/no/optional (<sup>1</sup>)
- 8.9. Brief description of the braking systems (according to item 1,6 of the Addendum to Appendix 1 of Annex IX to Directive 71/320/EEC):
- 8.11. Particulars of the type(s) of endurance braking system(s):
- 9. BODYWORK
- 9.1. Type of bodywork:
- 9.3. Occupant doors, latches and hinges
- 9.3.1. Door configuration and number of doors:
- 9.9. Devices for indirect vision
- 9.9.1. Mirrors (state for each mirror):
- 9.9.1.1. Make:
- 9.9.1.2. EC type-approval mark:
- 9.9.1.3. Variant:
- 9.9.1.4. Drawing(s) for the identification of the mirror showing the position of the mirror relative to the vehicle structure:
- 9.9.1.5. Details of the method of attachment including that part of the vehicle structure to which it is attached:
- 9.9.1.6. Optional equipment which may affect the rearward field of vision:

6

- 9.9.1.7. A brief description of the electronic components (if any) of the adjustment system:
- 9.9.2. Devices for indirect vision other than mirrors:
- 9.9.2.1. Type and characteristics (such as a complete description of the device):
- 9.9.2.1.1.In the case of a camera-monitor device, the detection distance (mm), contrast, luminance range, glare correction, display performance (black and white/colour), image repetition frequency, luminance reach of the monitor:
- 9.9.2.1.2. Sufficiently detailed drawings to identify the complete device, including installation instructions; the position for the EC type-approval mark has to be indicated on the drawings.
- 9.10. Interior fittings
- 9.10.3. Seats
- 9.10.3.1. Number:
- 9.10.3.2. Position and arrangement:
- 9.10.3.2. INumber of seating positions:
- 9.10.3.2.2Seat(s) designated for use only when the vehicle is stationary:
- 9.10.4.1. Type(s) of head restraints: integrated/detachable/separate (<sup>1</sup>)
- 9.10.4.2. Type-approval number(s), if available:
- 9.12.2. Nature and position of supplementary restraint systems (indicate yes/no/optional):
- (L = left-hand side, R = right-hand side, C = centre)

		Front airbag	Side airbag	Belt pre- loading device
First row of seats	L			
	С			
	R			
Second row of	L			
seats <sup>a</sup>	С			
	R			

I he table may be extended as necessary for vehicles with more than two rows of seats or if there are across the width of the vehicle.

## 9.17. Statutory plates (Directive 76/114/EEC)

- 9.17.1. Photographs and/or drawings of the locations of the statutory plates and inscriptions and of the vehicle identification number:
- 9.17.4. Manufacturer's declaration of compliance with the requirement of item 1.1.1 of Annex II to Directive 76/114/EEC

- 9.17.4.1. The meaning of characters in the second section and, if applicable, in the third section used to comply with the requirements of section 5,3 of ISO Standard 3779-1983 shall be explained:
- 9.17.4.2. If characters in the second section are used to comply with the requirements of section 5,4 of ISO Standard 3779-1983, these characters shall be indicated:
- 9.23. Pedestrian protection
- 9.23.1. A detailed description, including photographs and/or drawings, of the vehicle with respect to the structure, the dimensions, the relevant reference lines and the constituent materials of the frontal part of the vehicle (interior and exterior) shall be provided. This description should include detail of any active protection system installed.
- 11. CONNECTIONS BETWEEN TOWING VEHICLES AND TRAILERS AND SEMI-TRAILERS
- 11.1. Class and type of the coupling device(s) fitted or to be fitted:
- 11.3. Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fixing points at the vehicle as stated by the manufacturer; additional information, if the use of the coupling type is restricted to certain variants or versions of the vehicle type:
- 11.4. Information of the fitting of special towing brackets or mounting plates:
- 11.5. EC type-approval number(s):
- 12.7.1. vehicle equipped with a 24 GHz short-range radar equipment: Yes/No (strike out which is not applicable).
- 12.7.2. vehicle equipped with a 79 GHz short-range radar equipment: Yes/No (strike out which is not applicable).
- 13. SPECIAL PROVISIONS FOR VEHICLES USED FOR THE CARRIAGE OF PASSENGERS COMPRISING MORE THAN EIGHT SEATS IN ADDITION TO THE DRIVER'S SEAT
- 13.1. Class of vehicle (Class I, Class II, Class III, Class A, Class B):
- 13.1.1. Chassis types where the EC type-approved bodywork can be installed (manufacturer(s), and vehicle(s) types):
- 13.3. Number of passengers (seated and standing)
- 13.3.1. Total (N):
- 13.3.2. Upper deck  $(N_a)$  (<sup>1</sup>):
- 13.3.3. Lower deck  $(N_b)$  (<sup>1</sup>):
- 13.4. Number of passengers (seated)
- 13.4.1. Total (A):
- 13.4.2. Upper deck  $(A_a)$  (<sup>1</sup>):
- 13.4.3. Lower deck  $(A_b)$  (<sup>1</sup>):

- B: For category O
- 0. GENERAL
- 0.1. Make (trade name of manufacturer):
- 0.2. Type:
- 0.2.1. Commercial name(s) (if available):
- 0.3. Means of identification of type, if marked on the vehicle (<sup>b</sup>):
- 0.3.1. Location of that marking:
- 0.4. Category of vehicle (<sup>c</sup>):
- 0.4.1. Classification(s) according to the dangerous goods which the vehicle is intended to transport:
- 0.5. Name and address of manufacturer:
- 0.8. Address(es) of assembly plant(s):
- 0.9. Name and address of the manufacturer's representative (if any): ...
- 1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE
- 1.1. Photographs and/or drawings of a representative vehicle:
- 1.3. Number of axles and wheels:
- 1.3.2. Number and position of steered axles:
- 1.4. Chassis (if any) (overall drawing):
- 2. MASSES AND DIMENSIONS (<sup>e</sup>) (in kg and mm)

(Refer to drawing where applicable)

- 2.1. Wheelbase(s) (fully loaded) (<sup>f</sup>):
- 2.3.1. Track of each steered axle  $(^{i})$ :
- 2.3.2. Track of all other axles (<sup>i</sup>):
- 2.4. Range of vehicle dimensions (overall)
- 2.4.2. For chassis with bodywork
- 2.4.2.1. Length (<sup>j</sup>):
- 2.4.2.1.1.Length of the loading area:
- 2.4.2.2. Width  $\binom{k}{}$ :
- 2.4.2.2.1. Thickness of the walls (in the case of vehicles designed for controlled-temperature transport of goods):
- 2.4.2.3. Height (in running order) (<sup>1</sup>) (for suspension adjustable for height, indicate normal running position):

- 2.6. Mass of the vehicle with bodywork and, in the case of a towing vehicle of a category other than  $M_1$ , with coupling device, if fitted by the manufacturer, in running order, or mass of the chassis or chassis with cab, without bodywork and/or coupling device if the manufacturer does not fit the bodywork and/or coupling device (including liquids, tools, spare wheel, if fitted, and driver and, for buses and coaches, a crew member if there is a crew seat in the vehicle) (°) (maximum and minimum for each variant):
- 2.6.1. Distribution of this mass among the axles and, in the case of a semi-trailer or centreaxle trailer, load on the coupling point (maximum and minimum for each variant):
- 2.7. Minimum mass of the completed vehicle as stated by the manufacturer, in the case of an incomplete vehicle:
- 2.8. Technically permissible maximum laden mass stated by the manufacturer  $\binom{y}{x}$  (\*):
- 2.8.1. Distribution of this mass among the axles, and in the case of a semi-trailer or centre-axle trailer, load on the coupling point (\*):
- 2.9. Technically permissible maximum mass on each axle:
- 2.10. Technically permissible maximum mass on each axle group:
- 2.12. Technically permissible maximum static vertical load/mass on the vehicle's coupling point
- 2.12.2. Of the semi-trailer or centre-axle trailer:
- 2.16. Intended registration/in service maximum permissible masses (optional: where these values are given, they shall be verified in accordance with the requirements of Annex IV to Directive 97/27/EC):
- 2.16.1. Intended registration/in service maximum permissible laden mass (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.2. Intended registration/in service maximum permissible mass on each axle and, in the case of a semi-trailer or centre-axle trailer, intended load on the coupling point stated by the manufacturer if lower than the technically permissible maximum mass on the coupling point (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.3. Intended registration/in service maximum permissible mass on each axle group (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.4. Intended registration/in service maximum permissible towable mass (Several entries possible for each technical configuration (<sup>#</sup>)):
- 2.16.5. Intended registration/in service maximum permissible mass of the combination (Several entries possible for each technical configuration (<sup>#</sup>)):
- 5. AXLES
- 5.1. Description of each axle:
- 5.2. Make:
- 5.3. Type: ...
- 5.4. Position of retractable axle(s):

- 5.5. Position of loadable axle(s):
- 6. SUSPENSION
- 6.2. Type and design of the suspension of each axle or wheel:
- 6.2.1. Level adjustment: yes/no/optional (<sup>1</sup>)
- 6.6.1. Tyre/wheel combination(s) (for tyres indicate size designation, minimum loadcapacity index, minimum speed category symbol; for wheels indicate rim size(s) and off-set(s))
- 6.6.1.1. Axles
- 6.6.1.1.1.Axle 1:
- 6.6.1.1.2. Axle 2:

etc.

- 6.6.1.2. Spare wheel, if any:
- 6.6.2. Upper and lower limit of rolling radii
- 6.6.2.1. Axle 1:
- 6.6.2.2. Axle 2:

etc.

- 7. STEERING
- 7.2. Transmission and control
- 7.2.1. Type of steering transmission (specify for front and rear, if applicable):
- 7.2.2. Linkage to the wheels (including other than mechanical means; specify for front and rear, if applicable):
- 7.2.3. Method of assistance, if any:
- 8. BRAKES
- 8.5. Antilock braking system: yes/no/optional (<sup>1</sup>)
- 8.9. Brief description of the braking devices (according to item 1.6 of the addendum to Appendix 1 of Annex IX to Directive 71/320/EEC):
- 9. BODYWORK
- 9.1. Type of bodywork:
- 9.17. Statutory plates (Directive 76/114/EEC)
- 9.17.1. Photographs and/or drawings of the locations of the statutory plates and inscriptions and of the vehicle identification number:
- 9.17.4. Manufacturer's declaration of compliance with the requirement of item 1.1.1 of Annex II to Directive 76/114/EEC

- 9.17.4.1. The meaning of characters in the second section and, if applicable, in the third section used to comply with the requirements of section 5.3 of ISO Standard 3779-1983 shall be explained:
- 9.17.4.2. If characters in the second section are used to comply with the requirements of section 5.4 of ISO Standard 3779-1983 these characters shall be indicated:
- 11. CONNECTIONS BETWEEN TOWING VEHICLES AND TRAILERS AND SEMI-TRAILERS
- 11.1. Class and type of the coupling device(s) fitted or to be fitted:
- 11.5. EC type-approval number(s):

### PART II

Matrix showing the permissible combinations into vehicle versions of those items in Part I for which there are multiple entries. For those multiple entry items each entry is denoted by a prefix letter which will be used in this matrix to denote which entry (or entries) from a particular item are applicable to a particular version.

A separate matrix must be compiled for each variant within the type.

Multiple entries for which there are no restrictions on their combination within a variant should be listed in the column headed 'all'.

Item No	All	Version 1	Version 2	Etc.	Version No

This information may be presented in an alternative format or layout so long as the original purpose is fulfilled.

Each variant and each version must be identified by a numerical code or number consisting of a combination of letters and numbers, which must also be indicated in the certificate of conformity (Annex IX) of the vehicle concerned.

In the case of (a) variant(s) pursuant to Annex XI or to Article 20 the manufacturer shall assign a special code.

### PART III

### **Type-approval numbers**

Supply the information required by the following table in respect of the applicable subjects (\*\*\*) for this vehicle in Annex IV or Annex XI. (All relevant approvals for each subject must be included)

Su	ıbject	Type-approval number	Member State or Contracting	Extension date	Variant(s)/ Version(s)	
a	Contracting Parties to the Revised 1958 Agreement.					
b	To be indicated if not obtainable from the type-approval number.					

			Party <sup>a</sup> issuing the type- approval <sup>b</sup>		
a	Contracting Parties to the Revised 1958 Agreement.				
b	To be indicated if not obtainable from the type-approval number.				

Signed:

Position in company:

Date: