L.N. 57 of 2006

PRODUCT SAFETY ACT
(CAP. 427)

Type Approval of Agricultural or Forestry Tractors (Amendment) (No. 2) Regulations, 2006

IN exercise of the powers conferred by articles 38 to 40 of the Product Safety Act, 2001, the Minister for Competitiveness and Communications, on the advice of the Malta Standards Authority, has made the following regulations:–

1. (1) The title of these regulations is the Type Approval Agricultural or Forestry Tractors (Amendment) (No. 2) Regulations, 2006, and they shall be read and construed as one with the Type Approval Agricultural or Forestry Tractors Regulations, 2005, hereinafter referred to as "the principal regulations". Citation. L.N. 123 of 2005.

(2) These regulations implement the requirements of Directive 2005/67/EC of 18 October 2005 which amends for the purpose of adaptation, Annexes I and II to Directive 86/298/EEC, Annexes I and II to Council Directive 87/402/EEC and Annexes I, II and III to Directive 2003/37EC on the type-approval of agricultural or forestry tractors, their trailers and interchangeable towed machinery, together with their systems, components and separate technical units.

(3) These regulations have entered into force on 1st January, 2006.

2. For Schedules I to VIII of the principal regulations, there shall be substituted the following:– Substitutes Schedules to the principal regulations.

“Schedule I

MODEL INFORMATION DOCUMENTS

(All the information documents referred to in this Directive and in the separate Directives shall consist solely of extracts from this exhaustive list and shall use its numbering system to the exclusion of all others.)

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.

MODEL A

EXHAUSTIVE LIST

Model A should be used in the absence of an EC type-approval certificate granted under a separate Directive on the subject.

0. GENERAL

0.1 Make(s) (trademark registered by the manufacturer): .....

0.2. Type (specify any variants and versions): .....

0.2.0. Situation in relation to finishing of the vehicle:

for complete/completed/incomplete vehicle[1] ....

In the case of a completed vehicle, specify the name and address of the previous manufacturer and the approval number of the incomplete or complete vehicle.

0.2.1. Trade name(s) (where appropriate): .....

0.3. Means of identification of type, if marked on the vehicle:

0.3.1. Manufacturer's plate (location and method of affixing): .....

0.3.2. Chassis identification number (location): .....

0.4. Category of vehicle[2]: .....

0.5. Name and address of manufacturer: .....

0.6. Location of and method of affixing statutory plates and inscriptions (photographs or drawings): .....

0.7. Location of the EC type-approval mark on systems, components and separate technical units, and method of affixing it: .....

0.8. Name(s) and address(es) of assembly plant(s): .....

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[1]) Delete if not applicable

[2] Classification according to the definitions set out in Annex II, Chapter A of Directive 2003/37/EC.

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE

(Attach ¾ front and ¾ rear photographs or drawings of a representative version, and a dimensioned drawing of the entire vehicle.)

1.1. Number of axles and wheels: .....

1.1.1. Number and position of axles with twinned wheels (if applicable): .....

1.1.2. Number and position of steered axles: .....

1.1.3. Powered axles (number, position, interconnection): .....

1.1.4. Braked axles (number, position): .....

1.2. Position and arrangement of the engine: .....

1.3. Position of the steering wheel: right/left/centre [1]

1.4. Reversible driving position: yes/no [1]

1.5. Chassis: backbone/chassis with side members/articulated chassis/other [1]

1.6. Vehicle designed for on-road use on the: right/left [1]

2. MASSES AND DIMENSIONS [2] (in kg and mm) (Refer to drawings where applicable)

2.1. Unladen mass(es):

2.1.1. Unladen mass(es) in running order [3]:

(serving as a reference point for the various separate Directives) (including the roll-over protection structure, excluding optional accessories, but with coolant, lubricants, fuel, tools and driver) [4]:

— maximum: .....

— minimum: .....

2.1.1.1. Distribution of this (these) mass(es) among the axles and, in the case of a semi-trailer (or interchangeable towed machinery) or a centre-axle trailer (or interchangeable towed machinery), the load on the coupling point: .....

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(1) Delete if not applicable.

(2) Standards ISO 612:1978 and 1176:1990.

(3) The information requested should be supplied for all possible variants.

(4) The mass of the driver shall be assumed to be 75 kg.

2.2. Maximum mass(es) as declared by the manufacturer: .....

2.2.1. Technically permissible maximum laden mass(es) of vehicle according to the tyre specification: .....

2.2.2. Distribution of this (these) mass(es) among the axles and, in the case of a semi-trailer (or interchangeable towed machinery) or a centre-axle trailer (or interchangeable towed machinery), the load on the coupling point: .....

2.2.3. Limits on the distribution of this (these) mass(es) among the axles (specify the minimum limits in percentages on the front axle and on the rear axle) and, in the case of a semi-trailer (or interchangeable towed machinery) or a centre-axle trailer (or interchangeable towed machinery), the load on the coupling point: .....

2.2.3.1 Mass(es) and tyre(s): .....

Axle No	Tyres (dimensions)	Load capacity	Technically permissible maximum mass per axle	Maximum permissible vertical load [1] on the coupling point
1				
2				
3				

2.2.4. Payload(s) [2]: .....

2.3. Ballast masses (total weight, material, number of components): .....

2.3.1. Distribution of this (these) mass(es) among the axles: .....

2.4. Technically permissible towable mass(es) for the tractor in the case of:

2.4.1. Drawbar trailer (interchangeable towed machinery): .....

2.4.2. Semi-trailer (interchangeable towed machinery): .....

2.4.3. Centre-axle trailer (interchangeable towed machinery): .....

2.4.4. Total technically permissible mass(es) of the tractor-trailer combination (interchangeable towed machinery) (for each braking configuration of the trailer (interchangeable towed machinery): .....

2.4.5. Maximum mass of the trailer (interchangeable towed machinery) which may be towed: .....

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(1) Load transmitted to the reference centre of the coupling under static conditions.

(2) The information requested should be supplied for all possible variants.

2.4.6. Position of coupling point:

2.4.6.1. Height above ground:

2.4.6.1.1. Maximum height: .....

2.4.6.1.2. Minimum height: .....

2.4.6.2. Distance from the vertical plane passing through the axis of the rear axle:.....

2.4.6.3. Maximum static vertical load/technically permissible mass on the coupling point:

2.4.6.3.1. — of the tractor: .....

2.4.6.3.2. — of the semi-trailer (interchangeable towed machinery) or the centre-axle trailer (interchangeable towed machinery):.....

2.5. Wheelbase [1]:.....

2.5.1. For semi-trailers (interchangeable towed machinery):

2.5.1.1. — distance between the coupling pin and the first rear axle:.....

2.5.1.2. — distance between the coupling pin and the rear of the semi-trailer (interchangeable towed machinery):.....

2.6. Maximum and minimum width of track of each axle (measured between the symmetry planes of the single or twin tyres normally fitted) (to be stated by the manufacturer) [2]:.....

2.7. Range of vehicle dimensions (overall and for on-road use):

2.7.1. For chassis without bodywork:

2.7.1.1. Length [3]:.....

2.7.1.1.1. Maximum permissible length for the completed vehicle:.....

2.7.1.1.2. Minimum permissible length for the completed vehicle:.....

2.7.1.2. Width [4]:.....

2.7.1.2.1. Maximum permissible width for the completed vehicle: .....

2.7.1.2.2. Minimum permissible width for the completed vehicle: .....

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(1) Standard ISO 612/-6.4:1978.
(2) Standard ISO 4004:1983.
(3) Standard ISO 612/-6.1:1978.
(4) Standard ISO 612/-6.2:1978.

2.7.1.3. Height (in running order) [1] (for suspensions, if any, which are adjustable for height, state the normal running position): .....

2.7.1.4. Forward overhang [2]: .....

2.7.1.4.1. Approach angle: ..... degrees

2.7.1.5. Rear overhang [3]: .....

2.7.1.5.1. Departure angle: ..... degrees

2.7.1.5.2. Minimum and maximum permissible overhang of the coupling point [3]: .....

2.7.1.6. Ground clearance [4]:

2.7.1.6.1. Between the axles: .....

2.7.1.6.2. Under the front axle(s): .....

2.7.1.6.3. Under the rear axle(s): .....

2.7.1.7. Extreme permissible positions of the centre of gravity of the body and/or interior fittings and/or equipment and/or payload: .....

2.7.2. For chassis with bodywork:

2.7.2.1. Length [5]: .....

2.7.2.1.1. Length of the loading area: .....

2.7.2.2. Width [6]: .....

2.7.2.3. Height (in running order) [1] (for suspensions, if any, which are adjustable for height, state the normal running position): .....

2.7.2.4. Forward overhang [2]: .....

2.7.2.4.1 Approach angle: ..... degrees

2.7.2.5. Rear overhang [3]: .....

2.7.2.5.1. Departure angle: ..... degrees

2.7.2.5.2. Minimum and maximum permissible overhang of the coupling point [3]: .....

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(1) Standard ISO 612/-6.3:1978.
(2) Standard ISO 612/-6.6:1978.
(3) Standard ISO 612/-6.7:1978.
(4) Standard ISO 612/-8:1978.
(5) Standard ISO 612/-6.1:1978.
(6) Standard ISO 612/-6.2:1978.

2.7.2.6. Ground clearance [4]:……

2.7.2.6.1 .Between the axles:……..……..

2.7.2.6.2. Under the front axle(s):……..…

2.7.2.6.3 Under the rear axle(s):.....

2.7.2.7. Ramp angle[5]:……degrees

2.7.2.8. Extreme permissible positions of the centre of gravity of the payload (in the case of non-uniform load):……..……..

3. ENGINE

Part 1 — General

3.1. *Parent engine/engine* type[1][2][3]

3.1.1. ..... Make(s) (trade name of manufacturer): ……..…….

3.1.2. Type and commercial description of the parent and (if applicable) of the family of engine(s) [1]:……...

3.1.3. Manufacturer's type coding as marked on the engine(s) and method of affixing:……..……

3.1.3.1. Location, coding and method of affixing of the engine type identification number:…….……

3.1.3.2. Location and method of affixing of the EC component type-approval mark:……..

3.1.4. Name and address of manufacturer: ……..……

3.1.5. Address(es) of assembly plant(s): ……..…….

3.1.6. Operating principle:

- spark/compression ignition [1]
- direct/indirect injection [1]
- two-four-stroke [1]

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(1) Delete if not applicable

(2) If apart has been type-approved that part need not be described if reference is made to such approval. Likewise the description is not needed for all components whose structural characteristics are clearly illustrated by the diagrams or sketches attached to the document. State the number of the corresponding annexes for each heading where photographs or drawings must be attached.

(3) In the case of applications involving more than one parent engine, a separate form should be submitted for each one.

(4) Standard ISO 612/-8:1978

(5) Standard ISO 612/-9:1978

3.1.7. Fuel

Diesel/petrol/LPB/other [1]

Part 2 — Engine type within the family

3.2. *Essential characteristics of* the *family's parent engine* [2]

3.2.1. Description of the compression ignition engine

3.2.1.1. Manufacturer:……..……

3.2.1.2. Manufacturer's engine code as affixed to engines:…….

3.2.1.3. Cycle: four stroke/two stroke [1]

3.2.1.4. Bore: …….. mm

3.2.1.5. Stroke: ……. mm

3.2.1.6. Number and layout of cylinders:…….……...

3.2.1.7. Swept volume: ……..... cm^3

3.2.1.8. Rated speed: …… r/min

3.2.1.9. Peak-torque speed: …… r/min

3.2.1.10. Compression ratio [3]: ……..……

3.2.1.11. Combustion system description:……..……

3.2.1.12. Drawing(s) of combustion chamber and piston crown:…….……...

3.2.1.13. Minimum cross-sectional area of inlet and outlet ports: …….…….

3.2.1.14. Cooling system

3.2.1.14.1. Coolant

3.2.1.14.1.1. Nature of coolant: ……..……

3.2.1.14.1.2. Circulating pump(s): yes/no [1]

3.2.1.14.1.3. Characteristics or make(s) and type(s) (if applicable): ……

3.2.1.14.1.4. Drive ratio(s) (if applicable): ……...……..

3.2.1.14.2. Air

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(1) Delete if not applicable

(2) If apart has been type-approved that part need not be described if reference is made to such approval. Likewise the description is not needed for all components whose structural characteristics are clearly illustrated by the diagrams or sketches attached to the document. State the number of the corresponding annexes for each heading where photographs or drawings must be attached.

(3) Give the tolerance

3.2.1.14.2.1.Blower: yes/no [1]

3.2.1.14.2.2.Characteristics or make(s) and type(s) (if applicable): ……...

3.2.1.14.2.3.Drive ratio(s) (if applicable): ……..……...

3.2.1.15. Temperature permitted by the manufacturer

3.2.1.15.1. Liquid cooling: maximum temperature at outlet: …….

3.2.1.15.2. Air cooling: reference point: ……

Maximum temperature at reference point: …….. K

3.2.1.15.3. Maximum charge air temperature at the intercooler outlet (if applicable): …….. K

3.2.1.15.4. Maximum exhaust temperature at the point in the exhaust pipe(s) adjacent to the outer flange(s) of the exhaust manifold(s): …….. K

3.2.1.15.5. Lubricant temperature: minimum: …….. K maximum: ……. K

3.2.1.16. Pressure charger: yes/no [1]

3.2.1.16.1. Make: ……

3.2.1.16.2. Type: ……

3.2.1.16.3. Description of the system (e.g. maximum charge pressure, waste-gate, if applicable):

……...

3.2.1.16.4. Intercooler: yes/no [1]

3.2.1.17. Intake system: maximum allowable intake depression at rated engine speed and at 100% load: …….. kPa

3.2.1.18. Exhaust system: maximum permissible exhaust back pressure at rated engine speed and at 100% load: …… kPa

3.2.2. Additional anti-pollution devices (if any, and if not covered by another heading)

Description and/or [1] diagram(s): ……

3.2.3. Fuel feed

3.2.3.1. Feed pump

Pressure [2] or characteristic diagram: ……. kPa

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(1) Delete if not applicable
(2) Give the tolerance.

3.2.3.2. Injection system

3.2.3.2.1. Pump

3.2.3.2.1.1. Make(s): ……

3.2.3.2.1.2. Type(s): ……

3.2.3.2.1.3. Delivery: …… $mm^{3(2)}$ per stroke or cycle at pump speed of: ……. r/min (rated) and ……. r/min (maximum torque), respectively, or characteristic diagram

State which method is used: on engine/on pump bench (1)

3.2.3.2.1.4. Injection advance

3.2.3.2.1.4.1.Injection advance curve(2):

3.2.3.2.1.4.2.Timing (2): ……

3.2.3.2.2. Injection piping

3.2.3.2.2.1. Length: …… mm

3.2.3.2.2.2. Internal diameter: …….. mm

3.2.3.2.3. Injector(s)

3.2.3.2.3.1. Make(s): ……

3.2.3.2.3.2. Type(s): ……..

3.2.3.2.3.3. Opening pressure (2) or characteristic diagram: ……

3.2.3.2.4. Governor

3.2.3.2.4.1. Make(s): ……

3.2.3.2.4.2. Type(s): ……..

3.2.3.2.4.3. Speed at which cut-off starts under full load(2): …….r/min

3.2.3.2.4.4. Maximum no-load speed (2): …….. r/min

3.2.3.2.4.5. Idling speed (2): ……. r/min

3.2.3.3Cold-start system

3.2.3.3.1. Make(s): ……

3.2.3.3.2. Type(s): ……..

(1) Delete if not applicable
(2) Give the tolerance.

Description: ……..

3.2.4. Valve timing

3.2.4.1. Maximum lift and angles of opening and closing in relation to top dead centre or equivalent data:……..……

3.2.4.2. Reference clearances and/or setting ranges (1)

3.2.4.3. Variable valve timing system (if applicable and where intake and/or exhaust)

3.2.4.3.1. Type: continuous or on/off

3.2.4.3.2. Cam phase shift angle :…….

3.2.5. Porting configuration

3.2.5.1. Position, size and numbering: ……..

3.2.6. Electronic control functions

If the engine features electronically controlled functions, the information concerning their performance must be provided including:

3.2.6.1. Make: ……..

3.2.6.2. Type: ……

3.2.6.3. Part number: …….

3.2.6.4. Location of engine electronic control unit: …….

3.2.6.4.1. What does it sense: ……..

3.2.6.4.2. What does it control: ……...

Part 3 — Compression-ignition engine family

3.3. *Essential characteristics of the engine family*

3.3.1. List of engine types within a family

3.3.1.1. Name of engine family: .....

(1) Delete if not applicable

3.3.1.2. Specification of engine types within this family:

					Parent engine
Engine type					
Number of cylinders					
Rated speed (r/min)					
Fuel delivery per stroke (mm^3) at rated speed					
Rated net power (kW)					
Maximum torque speed (r/min)					
Fuel delivery per stroke (mm^3) at maximum torque speed					
Maximum torque (Nm)					
Low idle speed (r/min)					
Cylinder swept volume as % of parent engine					100

Part 4 — Engine type

3.4. *Essential characteristics of* the *engine type*

3.4.1. Description of the engine

3.4.1.1. Manufacturer: …….

3.4.1.2. Manufacturer's engine code as affixed to engines: ……..

3.4.1.3. Cycle: four stroke/two stroke [(1)]

3.4.1.4. Bore: …….. mm

3.4.1.5. Stroke: …… mm

3.4.1.6. Number and arrangement of cylinders:……..

3.4.1.7. Swept volume: ……....cm^3

3.4.1.8. Rated speed: …… r/min

3.4.1.9. Peak torque speed: …….. r/min

3.4.1.10. Compression ratio [(2)]: …….

(1) Delete if not applicable

(2) Give the tolerance

3.4.1.11. Combustion system: ……

3.4.1.12. Drawing(s) of combustion chamber and piston crown: ……

3.4.1.13. Minimum cross sectional area of inlet and outlet ports: ……..

3.4.1.14. Cooling system

3.4.1.14.1. Coolant

3.4.1.14.1.1. Nature of coolant: ……..

3.4.1.14.1.2. Circulating pump(s): yes/no [(1)]

3.4.1.14.1.3. Characteristics or make(s) and type(s) (if applicable):……..

3.4.1.14.1.4. Drive ratio(s) (if applicable): ……..

3.4.1.14.2. Air

3.4.1.14.2.1. Blower: yes/no [(1)]

3.4.1.14.2.2. Characteristics or make(s) and type(s) (if applicable): …….

3.4.1.14.2.3. Drive ratio(s) (if applicable): …….

3.4.1.15. Temperature permitted by the manufacturer:

3.4.1.15.1. Liquid cooling: maximum temperature at outlet: ……. K

3.4.1.15.2. Air cooling: reference point: ……

Maximum temperature at reference point: ……...

3.4.1.15.3. Maximum charge-air temperature at the intercooler outlet (if applicable): ……..K

3.4.1.15.4. Maximum exhaust temperature at the point in the exhaust pipe(s) adjacent to the outer flange(s) of the exhaust manifold(s): …… K

3.4.1.15.5. Lubricant temperature: minimum: …… K maximum: …… K

3.4.1.16. Pressure charger: yes/no [(1)]

3.4.1.16.1. Make: ……

3.4.1.16.2. Type: …….

3.4.1.16.3. Description of the system (e.g. maximum charge pressure, waste-gate, if applicable):

…….

3.4.1.16.4. Intercooler: yes/no [(1)]

(1) Delete if not applicable.

3.4.1.16.5. Intake system: maximum allowable intake depression at rated engine speed and at 100% load: ……..kPa

3.4.1.17. Exhaust system: maximum permissible exhaust back pressure at rated engine speed and at 100% load: …….. kPa(2)

3.4.2. Additional anti-pollution devices (if any, and if not covered by another heading)

Description and/or diagram(s): ……

3.4.3. Fuel feed

3.4.3.1. Feed pump

Pressure (2) or characteristic diagram: ……. kPa

3.4.3.2. Injection system

3.4.3.2.1. Pump

3.4.3.2.1.1. Make(s): ……..

3.4.3.2.1.2. Type(s): ……..

3.4.3.2.1.3. Delivery: …….. and…… mm3(2) per stroke or cycle at pump speed of: …….. r/min (rated) and ……. r/min (maximum torque) respectively, or characteristic diagram

State which method used: on engine/on pump bench (1)

3.4.3.2.1.4. Injection advance

3.4.3.2.1.4.1.Injection advance curve (2):……..

3.4.3.2.1.4.2.Timing (2): ……

3.4.3.2.2. Injection piping

3.4.3.2.2.1. Length: …… mm

3.4.3.2.2.2. Internal diameter: ……. mm

3.4.3.2.3. Injector(s)

3.4.3.2.3.1. Make(s): ……..

3.4.3.2.3.2. Type(s): ……..

3.4.3.2.3.3. Opening pressure(2) or characteristic diagram(1): ……

(1) Delete if not applicable

(2) Give the tolerance

3.4.3.2.4. Governor(s)

3.4.3.2.4.1. Make(s): ……

3.4.3.2.4.2. Type(s): ……

3.4.3.2.4.3. Speed at which cut-off starts under full load[(2)]: ……r/min

3.4.3.2.4.4. Maximum no-load speed [(2)]: …….. r/min

3.4.3.2.4.5. Idling speed [(2)]: …….. r/min

3.4.4. Cold-start system

3.4.4.1. Make(s):

3.4.4.2. Type(s):

3.4.4.3. Description: ……..

3.4.5. Valve timing

3.4.5.1. Maximum lift and opening and closing angles in relation to top dead centre or equivalent data:

3.4.5.2. Reference clearances and/or setting ranges [(1)]: ……...

3.4.5.3. Variable valve timing system (if applicable and where intake and/or exhaust)

3.4.5.3.1. Type: continuous or on/off

3.4.5.3.2. Cam phase shift angle: ……

3.4.6. Porting configuration

3.4.6.1. Position, size and number:……...

3.4.7. Electronic command functions

If the engine features electronically controlled functions, information concerning their performance must be provided including:

3.4.7.1. Make: ……..

3.4.7.2. Type: ……..

3.4.7.3. Part number: ……

3.4.7.4. Location of engine electronic control unit: …….

3.4.7.4.1. What does it sense: …….

3.4.7.4.2. What does it control: ……

(1) Delete if not applicable

(2) Give the tolerance

4. TRANSMISION [2]

4.1. Diagram of the transmission system:……...

4.2. Type (mechanical, hydraulic, electric etc.) :……

4.2.1. Brief description of the electrical/electronic components (if any) :……

4.3. Engine flywheel moment of inertia : ……...

4.3.1. Additional moment of inertia if no gear is engaged :……

4.4. Clutch (type) (if any) :……..

4.4.1. maximum torque conversion (if any) :……..

4.5. Gearbox (type, direct engagement, method of control) (if any)……...

4.6. Gear ratios (if any), with or without transfer box [3]

Gear	Gear ratio	Transfer-box ratio(s)	Final drive ratio	Overall gear ratio
Maximum for speed-changing mechanism [1] 1 2 3				
Minimum for speed-changing mechanism [1] Reverse 1 …				
(1) Continuously variable transmission (CVT)_				

4.6.1. Maximum dimensions of tyres on powered axles:……..

(2) The information requested should be supplied for all possible variants

(3) A 5% tolerance is permitted. This provision must be based on a measured speed not exceeding 43km/h, including the tolerance of 3km/h (see Directive 98/89/EEC).

4.7. Calculated maximum tractor design speed in top gear (show factors used in calculation) [1]: ..... km/h

4.7.1. Measured maximum speed: ..... km/h

4.8. Actual forward movement of powered wheels corresponding to one complete revolution: .....

4.9. Speed governor: yes/no [2]

4.9.1. Description: .....

4.10. Speedometer, tachometer and hour meter (if fitted)

4.10.1. Speedometer (if fitted)

4.10.1.1. Method of operation and description of drive mechanism: .....

4.10.1.2. Instrument constant: .....

4.10.1.3. Measuring mechanism tolerance: .....

4.10.1.4. Overall transmission ratio: .....

4.10.1.5. Design of the instrument dial or of the other forms of read-out .....

4.10.1.6. Brief description of the electrical/electronic components: .....

4.10.2. Tachometer and hour metre (if fitted): yes/no [2]

4.11. Differential lock (if fitted): yes/no [2]

4.12. Power take-off(s) (revolutions per minute and ratio of this figure to that of the engine) (number, type and position)

4.12.1. — main power take-off(s): .....

4.12.2. — other(s): .....

4.12.3. Power take-off guard(s) (description, dimensions, drawings, photographs): .....

4.13. Protection of engine parts, projecting parts and wheels (descriptions, drawings, sketches, photos): .....

4.13.1. Single surface protection: .....

4.13.2. Multi-surface protection: .....

4.13.3. Protection by total encapsulation: .....

4.14. Brief description of the electrical/electronic components (if any): .....

---

(1) A 5% tolerance is permitted. This provision must be based on a measured speed not exceeding 43 km/h, including the tolerance of 3 km/h (see Directive 98/89/EC).

(2) Delete if not applicable.

5. AXLES

5.1. Description of each axle: .....

5.2. Make (where appropriate): .....

5.3. Type (where appropriate): .....

6. SUSPENSION (where appropriate)

6.1. Extreme (maximum-minimum) tyre/wheel combinations (if any) (dimensions, characteristics, inflation pressure for road use, maximum permissible load, wheel dimensions and front/rear combinations): .....

6.2. Type of suspension (if fitted) for each axle or wheel: .....

6.2.1. Level adjustment: yes/no/optional [1]

6.2.2. Brief description of the electrical/electronic components (if any): .....

6.3. Other devices (if any): .....

7. STEERING (descriptive diagram)

7.1. Steering category: manual/power-assisted/servo steering [1]

7.1.1. Reversible driving position (description): .....

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): .....

7.2.2.1. Brief description of the electrical/electronic components (if any): .....

7.2.3. Method of power assistance, if any: .....

7.2.3.1. Method and diagram of operation, make(s) and type(s): .....

7.2.4. Diagram of the steering equipment as a whole, showing the position on the vehicle of the various devices influencing its steering behaviour: .....

7.2.5. Schematic diagram(s) of the steering control(s): .....

7.2.6. Range and method of adjustment, if any, of the steering control: .....

---

(1) Delete if not applicable.

7.3. Maximum turning angle of the wheels (if fitted):

7.3.1. to the right:.....degrees Number of steering wheel turns:.....

7.3.2. to the left:.....degrees Number of steering wheel turns:.....

7.4. Minimum turning circle (without braking) [1]

7.4.1. to the right:.....mm

7.4.2. to the left:.....mm

7.5. Method of adjustment of the steering control (where applicable): .....

7.6. Brief description of the electrical/electronic components (if any): .....

8. BRAKES (overall sketch and operating sketch) [2]

8.1. Service braking system: .....

8.2. Secondary braking system (if fitted): .....

8.3. Parking brake: .....

8.4. Any additional braking device(s) (and especially retarders):.....

8.5. For vehicles with anti-lock brake systems, description of system operation (including any electronic parts), electric block diagram, hydraulic or pneumatic circuit plan: .....

8.6. List of braking-system components, properly identified: .....

8.7. Dimensions of the largest permissible tyres on the braked axles: .....

8.8. Calculation for the braking system (determination of the ratio of the total braking forces at the circumference of the wheels to the force applied to the braking control):.....

8.9. Locking of left and right braking controls:.....

8.10. External energy source(s) (if any) (characteristics, capacity of energy reservoirs, maximum and minimum pressure, pressure gauge and minimum-pressure warning device on the dashboard, vacuum reservoirs and supply valve, supply compressors, compliance with provisions regarding pressure equipment):.....

---

(1) Standard ISO 789—3:1993.

(2) The following particulars are to be given for each braking device:
- type and character of brakes (dimensioned sketch) (drums or discs, etc., braked wheels, transmission to those wheels, friction surfaces, their properties and effective areas, radius of drums, shoes or discs, weight of drums and adjustment devices),
- transmission and control (attach diagram) (construction, adjustment, lever ratios, accessibility of control and its position, ratchet controls in the case of mechanical transmission, characteristics of the main parts of the transmission, control cylinders and pistons, brake cylinders).

8.11. Vehicles fitted with trailer braking devices

8.11.1. Trailer-brake actuating device (description, characteristics): .....

8.11.2. Mechanical/hydraulic/pneumatic coupling [1]

8.11.3. Connectors, couplings, safety devices (description, drawing, sketch): .....

8.11.4. Single- or two-line connections [1]

8.11.4.1. Supply overpressure (1 line): .....kPa

8.11.4.2. Supply overpressure (2 line): .....kPa

9. FIELD OF VISION, GLAZING, WINDSCREEN WIPERS AND REAR-VIEW MIRRORS

9.1. Field of vision

9.1.1. Drawing(s) or photograph(s) showing the position of parts in the forward field of vision: .....

9.2. Glazing

9.2.1. Data for quick identification of reference point: .....

9.2.2. Windscreen(s)

9.2.2.1. Material(s) used: .....

9.2.2.2. Method of fitting: .....

9.2.2.3. Rake angle(s): .....degrees

9.2.2.4. EC component type-approval mark(s): .....

9.2.2.5. Windscreen accessories and their location and concise description of any electrical/electronic components: .....

9.2.3. Other window(s)

9.2.3.1. Position(s): .....

9.2.3.2. Material(s) used: .....

9.2.3.3. EC component type-approval mark(s): .....

---

[1] Delete if not applicable.

9.2.3.4 Brief description of the electrical/electronic components (if fitted) of the side-window operating mechanism: .....

9.3. Windscreen wipers: yes/no [1] (description, number, frequency of operation): .....

9.4. Rear-view mirror(s)

9.4.1. Class(es): .....

9.4.2. EC component type-approval mark(s):.....

9.4.3. Position(s) in relation to vehicle structure (drawings):.....

9.4.4. Fixing method(s):.....

9.4.5. Optional equipment that might restrict the field of vision to the rear: .....

9.4.6. Brief description of the electrical/electronic components (if fitted) of the adjusting system: ... .

9.5. Defrosting and demisting

9.5.1 Technical description:.....

10. ROLL-OVER PROTECTIVE STRUCTURES, WEATHER PROTECTION, SEATS, LOAD PLATFORMS

10.1. ROPS (dimensioned drawings, photographs (where appropriate), description)

10.1.1. Frame(s):

10.1.1.0. Presence: yes/no [1]

10.1.1.1. Trademark(s): .....

10.1.1.2. EC component type-approval mark(s):.....

10.1.1.3. Internal and external dimensions: .....

10.1.1.4. Material(s) and method of construction: .....

10.1.2. Cab(s):

10.1.2.0. Presence: yes/no [1]

10.1.2.1. Trademark(s): .....

10.1.2.2. EC component type-approval mark(s):.....

10.1.2.3. Doors (number, dimensions, direction of opening, latches and hinges): .....

---

[1] Delete if not applicable.

10.1.2.4. Windows and emergency exit(s) (number, dimensions, positions): .....

10.1.2.5. Other weather protection arrangements (description): .....

10.1.2.6. Internal and external dimensions: .....

10.1.3. Roll bar(s) mounted at front/rear [1], fold-down or not [1]

10.1.3.0. Presence: yes/no [1]

10.1.3.1. Description (position, fixing, etc.): .....

10.1.3.2. Trademark(s) or name(s): .....

10.1.3.3. EC component type-approval mark(s): .....

10.1.3.4. Dimensions: .....

10.1.3.5. Material(s) and method of construction: .....

10.2. Operating space and access to driving cab (description, characteristics, dimensioned drawings): .....

10.3. Seats and footrests

10.3.1. Driving seat(s) (drawings, photographs, description): .....

10.3.1.1. Trademark(s) or name(s): .....

10.3.1.2. EC component type-approval mark(s): .....

10.3.1.3. Seat type category: Category A Class I/II/III, Category B [1]: .....

10.3.1.4. Position and main characteristics: .....

10.3.1.5. Adjustment system: .....

10.3.1.6. Displacement and locking system: .....

10.3.2. Passenger seats (number, dimensions, position and characteristics): .....

10.3.3. Footrests (number, dimensions and positions): .....

10.4. Load platform

10.4.1. Dimensions: ..... mm

10.4.2. Position: .....

10.4.3. Technically permissible load: ..... kg

10.4.4. Distribution of load among the axles: ..... kg

---

(1) Delete if not applicable.

10.5. Suppression of radio interference

10.5.1. Description and drawings/photographs of the shapes and constituent materials of the part of the body forming the engine compartment and adjacent parts of the passenger compartment:.....

10.5.2. Drawings or photographs of the position of the metal components housed in the engine compartment (e.g. heating appliances, spare wheel, air filter, steering mechanism, etc.): ....

10.5.3. Table and drawing of radio interference control equipment: .....

10.5.4. Particulars of the nominal value of the direct current resistances, and in the case of resistive ignition cables, of their nominal resistance per metre:.....

11. LIGHTING AND LIGHT-SIGNALLING DEVICES

(dimensioned sketches of the exterior of the vehicle showing the position of the illuminating surface of all devices; number, wiring, EC type-approval mark and colour of lights)

11.1. Compulsory devices

11.1.1 Dipped-beam headlamps: .....

11.1.2. Front position (side) lamps: .....

11.1.3. Rear position lamps:.....

11.1.4. Direction indicator lamps:

— front: .....

— rear: .....

— side:.....

11.1.5. Rear reflex reflectors: .....

11.1.6. Rear registration plate lamps: .....

11.1.7 Stop lamps:.....

11.1.8 Hazard-warning device:.....

11.2. Optional devices:

11.2.1 Main-beam headlamps:.....

11.2.2. Front fog lamps:.....

11.2.3. Rear fog lamps: .....

11.2.4. Reversing lamps:.....

11.2.5. Work lamps:.....

11.2.6. Parking lamps:.....

11.2.7. End-outline marker lamps:.....

11.2.8. Warning light(s) for trailer direction indicator lamps:.....

11.3. A brief description of electrical/electronic components other than lamps (if any).....

12. MISCELLANEOUS

12.1. Audible warning device(s) (position):.....

12.1.1. EC component type-approval mark(s):.....

12.2. Mechanical couplings between tractor and towed vehicles

12.2.1. Type(s) of coupling:.....

12.2.2. Trademark(s):.....

12.2.3. EC component type-approval mark(s):.....

12.2.4. Device designed for a maximum horizontal load of .....kg; and for a maximum vertical load (if any) of..... kg [1]

12.3. Hydraulic lift – three-point coupling: yes/no [2]

12.4. Power connection for lighting and light-signalling devices on trailer (description):.....

12.5. Installation, location, functioning and marking of controls (description, photographs or diagrams):.....

12.6. Location of rear registration plate (shape and dimensions):.....

12.7. Front coupling device (dimensioned drawing):.....

12.8. Description of the on-board electronics used for the operation and control of the vehicle-mounted or towed implements:.....

---

(1) Values in respect of the mechanical strength of the coupling device.

(2) Delete if not applicable.

MODEL B

SIMPLIFIED INFORMATION DOCUMENT FOR THE PURPOSES OF VEHICLE EC TYPE-APPROVAL

PART I

Model B is to be used where one or more EC type-approval or EC component type-approval certificates issued pursuant to separate Directives are available.

The numbers of the relevant EC type-approval or EC component type-approval certificates must be given in the Table in Part III.

The information referred to in Annex III (certificate of conformity) must be provided for each of Chapters 1 to 12 below and for each type/variant/version of vehicle.

Where no EC type-approval or EC component type-approval certificate issued pursuant to a separate Directive is available, the information referred to in Model A of the information document must also be provided for the corresponding chapters.

0. GENERAL

0.1. Make(s) (trademark registered by the manufacturer): .....

0.2. Type (specify any variants and versions): .....

0.2.0. Situation in relation to finishing of the vehicle: .....

for complete/completed/incomplete vehicle [(1)]: .....

In the case of a completed vehicle, specify the name and address of the previous manufacturer and the approval number of the incomplete or complete vehicle.

0.2.1. Trade name(s) (where appropriate): .....

0.3. Means of identification of type, if marked on the vehicle:

0.3.1. Manufacturer's plate (location and method of affixing): .....

0.3.2. Chassis identification number (location): .....

0.4. Category of vehicle [(2)] : .....

0.5. Name and address of manufacturer: .....

0.7. In the case of components or separate technical units, location and method of affixing the approval mark: .....

0.8. Name(s) and address(es) of assembly plant(s): .....

---

(1) Delete if not applicable.

(2) Classification according to the definitions set out in Annex II, Chapter A of Directive 2003/37/EC.

1. **GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE**

   (Attach ¾ front and ¾ rear photographs or drawings of a representative version, and a dimensioned drawing of the entire vehicle.)

2. **MASSES AND DIMENSIONS**

3. **ENGINE**

4. **TRANSMISSION**

5. **AXLES**

6. **SUSPENSION**

7. **STEERING**

8. **BRAKING DEVICES**

9. **FIELD OF VISION, GLAZING, WINDSCREEN WIPERS AND REAR-VIEW MIRRORS**

10. **ROLL-OVER PROTECTION STRUCTURE, WEATHER PROTECTION, SEATS, LOAD PLATFORM**

11. **LIGHTING AND LIGHT SIGNALLING DEVICES**

12. **MISCELLANEOUS**

PART II

Table summarising the authorised combinations in the various versions of the Part I components, for which there are multiple entries. Each entry for each of these components is to receive a letter which will identify the entry or entries in the table concerning a specific component or components that can apply to a specific version.

A separate table is to be drawn up for each variant of the type.

Multiple entries subject to no restriction as regards their combination within a variant shall be entered in the 'All versions' column.

Item No	All versions	Version 1	Version 2	etc.	Version "n"

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

Each variant and version shall be identified by a numerical or alphanumerical code, which must also be entered on the certificate of conformity (Annex III) of the vehicle concerned.

PART III

EC TYPE-APPROVAL NUMBERS RELATING TO THE SEPARATE DIRECTIVES

Supply the information requested below on the aspects [1] applying to the vehicle.

For the purposes of EC type-approval, all the type-approval or EC component type-approval certificates concerned (together with their Annexes) must be included and presented to the approval authorities.

Subject	EC type-approval or EC component type-approval number	Date of EC type-approval or EC component type-approval	Type(s) Variant(s) Version(s) covered
Example			
Braking devices	E1*76/432*97/54*0026*00 E4*76/432*97/54*0039*00	3.2.2000 1.3.2000	MF/320/U MF/320/F

Signature: .....

Position within organisation: .....

Date: .....

(1) Information which appears on the relevant installation approval certificate need not be repeated here.

Schedule II

CHAPTER A

DEFINITION OF VEHICLE CATEGORIES AND VEHICLE TYPES A.

THE VEHICLE CATEGORIES ARE DEFINED AS FOLLOWS:

1. Category T: Wheeled Tractors

— Category T1: wheeled tractors with a maximum design speed of not more than 40 km/h, with the closest axle to the driver[1] having a minimum track width of not less than 1 150 mm, with an unladen mass, in running order, of more than 600 kg, and with a ground clearance of not more than 1 000 mm.

— Category T2: wheeled tractors with a maximum design speed of not more than 40 km/h, with a minimum track width of less than 1 150 mm, with an unladen mass, in running order, of more than 600 kg and with a ground clearance of not more than 600 mm. However, where the height of the centre of gravity of the tractor[2] (measured in relation to the ground) divided by the average minimum track for each axle exceeds 0.90, the maximum design speed is restricted to 30 km/h.

— Category T3: wheeled tractors with a maximum design speed of not more than 40 km/h, and with an unladen mass, in running order, of not more than 600 kg.

— Category T4: special purpose wheeled tractors with a maximum design speed of not more than 40 km/h (as defined in Appendix1).

— Category T5: wheeled tractors with a maximum design speed of more than 40 km/h.

2. Category C: Track-laying Tractors

Track-laying tractors that are propelled and steered by endless tracks and whose Categories C1 to C5 are defined by analogy with Categories T1 to T5.

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[1] **For reversible driver's position tractors (reversible seat and steering wheel), the closest axle to the driver to be considered must be the one fitted with the biggest diameter tyres.**

[2] **In accordance with Standard ISO 789—6: 1982**

3. Category R: Trailers

— Category R1: trailers, the sum of the technically permissible masses per axle of which does not exceed 1 500 kg.

— Category R2: trailers, the sum of the technically permissible masses per axle of which exceeds 1 500 kg but does not exceed 3 500 kg.

— Category R3: trailers, the sum of the technically permissible masses per axle of which exceeds 3 500 kg but does not exceed 21 000 kg.

— Category R4: trailers, the sum of the technically permissible masses per axle of which exceeds 21 000 kg.

Each trailer category also includes an 'a' or 'b' index, according to its design speed:

— 'a' for trailers with a maximum design speed below or equal to 40 km/h;

— 'b' for trailers with a maximum design speed above 40 km/h.

Example: Rb3 is a category of trailers for which the sum of the technically permissible masses per axle exceeds 3 500 kg but does not exceed 21 000 kg, and which are designed to be towed by a tractor in Category T5.

4. Category S: Interchangeable Towed Machinery

— Category S1: Interchangeable towed machinery intended for agricultural or forestry use, the sum of the technically permissible masses per axle of which does not exceed 3 500 kg;

— Category S2: Interchangeable towed machinery intended for agricultural or forestry use, the sum of the technically permissible masses per axle of which exceeds 3 500 kg.

Each category of interchangeable towed machinery also includes an 'a' or 'b' index, according to its design speed:

— 'a' for interchangeable towed machinery with a maximum design speed below or equal to 40 km/h;

— 'b' for interchangeable towed machinery with a maximum design speed above 40 km/h.

Example: Sb2 is a category of interchangeable towed machinery for which the sum of the technically permissible masses per axle exceeds 3 500 kg, and which is designed to be towed by a tractor in Category T5.

B. DEFINITION OF VEHICLE TYPES

1. Wheeled Tractors:

For the purposes of this Directive:

'type' means tractors of the same category that do not differ in respect of at least the following essential aspects:

- manufacturer;
- manufacturer's type designation;
- essential construction and design characteristics:
  - backbone chassis/chassis with side members/articulated chassis (obvious and fundamental differences);
  - engine (internal combustion/electric/hybrid);
  - axles (number);

'variant' means tractors of the same type which do not differ in respect of at least the following aspects:

- engine:
  - operating principle;
  - number and arrangement of cylinders;
  - power difference of no more than 30% (the highest power being no more than 1.3 times the lowest power);
  - cylinder capacity difference of no more than 20% (the highest figure being no more than 1.2 times the lowest figure);
- powered axles (number, position, interconnection);
- steered axles (number and position);
- maximum laden mass differing by no more than 10%;
- transmission (type);
- roll-over protection structure;
- braked axles (number);

'version' of a variant means tractors which consist of a combination of items shown in the information package in accordance with Annex I.

2. Track-laying Tractors: Idem Wheeled Tractors.

3. Trailers:

'Type' means trailers of the same category that do not differ in respect of at least the following essential aspects:

— manufacturer;

— manufacturer's type designation;

— essential construction and design characteristics:

— backbone chassis/chassis with side members/articulated chassis (obvious and fundamental differences);

— axles (number);

'variant' means trailers of the same type which do not differ in respect of at least the following aspects:

— steering axles (number, position, interconnection);

— maximum laden mass differing by no more than 10%;

— braked axles (number);

4. Interchangeable Towed Machinery: Idem Trailers.

CHAPTER B

LIST OF REQUIREMENTS FOR THE PURPOSES OF VEHICLE EC TYPE-APPROVAL

PART I

LIST OF SEPARATE DIRECTIVES

No.	Subject	Base Directives and Annexes	Official Journal	Applicability (for T4 and C4 see Appendix 1)						
				T1	T2	T3	T5	C	R	S
1.1	Maximum laden mass	74/151/EEC (Annex I)	L84, 28.3.1974, p. 25	X	X	X	X	(X)	(X)	(X)
1.2.	Registration plate	74/151/EEC (Annex II)	-	X	X	X	X	I	(X)	(X)
1.3.	Fuel tank	74/151/EEC (Annex III)	-	X	X	X	X	I	-	-
1.4.	Ballast masses	74/151/EEC (Annex IV)	-	X	X		(X)	I	-	-
1.5.	Audible warning device	74/151/EEC (Annex V)	-	X	X	X	X	I	-	-
1.6.	Sound level (external)	74/151/EEC (Annex VII	-	X	X	X	(X)	I	-	-
2.1.	Maximum speed	74/152/EEC (Annex, Paragraph 1)	L84, 28.3.1974, p. 33	X	X	X	(X)	I	-	-
2.2.	Load platforms	74/152/EEC (Annex, Paragraph 2)	-	X	X	X	(X)	I	-	-
3.1.	Rear-view mirrors	74/346/EEC	L 191, 15.7.1974, p. 1	X	X		(X)	I	-	-
4.1.	Field of vision and windscreen wipers	74/347/EEC	L 191, 15.7.1974, p. 5	X	X	X	(X)	I	-	-
5.1.	Steering	75/321/EEC	L147, 9.6.1975, p. 24	X	X	X	(X)	(X)	-	-
6.1.	Electromagnetic Compatibility	75/322/EEC	L147, 9.6.1975, p. 28	X	X	X	X	I	-	-
7.1.	Braking devices	76/432/EEC	L122, 8.5.1976, p. 1	X	X	X	-	(X)	(X)	(X)
		71/320/EEC	L 202, 6.9.1971, p. 37	-	-	-	X	-	-	-
8.1.	Passenger seats	76/763/EEC	L 262, 27.9.1976, p. 135	X	-	X	(X)	I	-	-
9.1.	Sound levels (internal)	77/311/EEC	L 105, 28.4.1977, p. 1	X	X	X	(X)	I	-	-
10.1.	ROPS	77/536/EEC	L 220, 29.8.1977, p. 1	X	-	-	(X)	(X)	-	-

12.1.	Driving seat	78/764/EEC	L 255, 18.9.1978, p. 1	X	X	X	(X)	(X)	-	-
13.1.	Lighting installation	78/933/EEC	L 325, 20.11.1978, p. 16	X	X	X	(X)	I	(X)	(X)
14.1.	Lighting and light-signalling devices	79/532/EEC	L 145, 13.6.1979, p. 16	X	X	X	X	X	(X)	(X)
15.1.	Coupling and reversing devices	79/533/EEC	L 145, 13.6.1979, p. 20	X	X	X	(X)	I	-	-
16.1.	ROPS (static testing)	79/622/EEC	L 179, 17.7.1979, p. 1	X	-	-	(X)	I	-	-
17.1.	Operating space, access to the driving position	80/720/EEC	L 194, 28.7.1980, p1	X	-	X	(X)	I	-	-
18.1.	Power take-offs	86/297/EEC	L 186, 8.7.1986, p. 19	X	X	X	(X)	I	-	-
19.1.	Rear-mounted ROPS (narrow-track tractors)	86/298/EEC	L 186, 8.7.1986, p. 26	-	X	-	(X)	I	-	-
20.1.	Installation of the controls	86/415/EEC	L 240, 26.8.1986, p. 1	X	X	X	(X)	I	-	-
21.1.	Front-mounted ROPS (narrow-track tractors)	87/402/EEC	L 220, 8.8.1987, p. 1	-	X	-	(X)	I	-	-
22.1.	Dimensions and trailer mass	89/173/EEC (Annex I)	L 67, 10.3.1989, p. 1	X	X	X	(X)	I	(X)	(X)
22.2.	Glazing	89/173/EEC (Annex III)	-	X	X	X	-	I	-	-
		92/22/EEC	L 129, 14.5.1992, p. 11	-	-	-	X	-	-	-
22.3.	Speed governor	89/173/EEC (Annex II(1)	-	X	X	X	(X)	I	-	-
22.4.	Protection of drive components	89/173/EEC (Annex II(2))	-	X	X	X	(X)	I	-	-
22.5.	Mechanical couplings	89/173/EEC (Annex IV)	-	X	X	X	(X)	I	X	X
22.6.	Statutory plate	89/173/EEC (Annex V)	-	X	X	X	(X)	I	X	X
22.7.	Trailer-brake coupling	89/173/EEC (Annex VI)	-	X	X	X	(X)	I	X	X
23.1.	Pollutant emissions	2000/25/EC	L 173, 12.7.2000, p. 1	X	X	X	X	X	-	-
24.1.	Tyres[1]	(.../...//EC)	-	X	X	X	X	-	(X)	(X)
25.1.	Stability[1]	(…/…/EC)	-				SD			
26.1.	Seat-belt anchorages [3]	76/115/EEC	L 24, 30.1.1976, p. 6	X	X	X	X	X	-	-

(1) Pending the adoption of Directives on tyres, stability and rear protective structures, the absence of a separate Directive on this does not prevent the granting of the whole vehicle type-approval

(3) The minimum number of anchorage points required for tractors of categories T1, T2, T3, C1, C2 and C3 is two, established in Annex I, Appendix 1 to Directive 76/115/EEC for forward facing centre seats of vehicle category N_3. The test loads laid down in points 5.4.3. and 5.4.4. of Annex I of that directive for vehicles of category N_3 shall apply to those tractor categories.

No.	Subject	Base Directives and Annexes	Official Journal	Applicability (for T4 and C4 see Appendix 1)						
				T1	T2	T3	T5	C	R	S
27.1.	Safety belts	77/541/EEC	L 220, 29.8.1977, p. 95	-	-	-	X	-	-	-
28.1.	Reverse and speedometer	75/443/EEC	L196, 26.7.1975, p. 1	-	-	-	X	-	-	-
29.1.	Spray-suppression systems	911/226/EEC	L 103, 23.4.1991, p. 5	-	-	-	X	-	(X)	-
30.1.	Speed limitation devices	92/24/EC	L 129, 14.5.1992, p. 154	-	-	-	X	-	-	-
31.1.	Rear protection structures (1)	(…/…/EC)	-	-	-	-	-	-	SD	-
32.1.	Lateral protection	89/297/EEC	L 124, 5.5.1989	-	-	-	X	-	(X)	-

Legend:

X = ...applicable as is

(X) = ...applicable in amended form (2)

SD = ...separate Directive

\- = ...not applicable

I = ...same as T according to the category

(1) Pending the adoption of Directives on tyres, stability and rear protective structures, the absence of a separate Directive on this does not prevent the granting of the whole vehicle type-approval.

(2) For EC type-approval to be granted, the brackets must be removed.

(3) The minimum number of anchorage points required for tractors of categories T1, T2, T3, C1, C2 and C3 is two, established in Annex I, Appendix 1 to Directive 76/115/EEC for forward facing centre seats of vehicle category N_3. The test loads laid down in points 5.4.3. and 5.4.4. of Annex I of that directive for vehicles of category N_3 shall apply to those tractor categories.

PART II A

In the following table, the separate Directives relating to 'motor vehicles' (in the latest version in force on the date of EC type-approval) may be applied in place of the corresponding separate Directives relating to 'agricultural and forestry tractors'.

Number given in the table in Part I (separate Directives)		Number of the base 'motor vehicles Directive	Official Journal
1.5.	Audible warning device	70/388/EEC	L 176, 10.8.1970, p. 12
1.6.	(External) sound levels	70/157/EEC	L 42, 23.2.1970, p. 16
4.1.	Field of vision and windscreen wipers	77/649/EEC	L 284, 10.10.1978, p. 11
5.1.	Steering	70/311/EEC	L 133, 18.6.1970, p. 10
6.1.	Suppression of radio interference	72/245/EEC	L 152, 6.7.1972, p. 15
7.1.	Braking devices	71/320/EEC	L 202, 6.9.1971, p. 37
14.1.	Rear reflex reflectors	76/757/EEC	L 262, 27.9.1976, p. 32
14.1.	Rear lamps	76/758/EEC	L 262, 27.9.1976, p. 54
14.1.	Direction indicator	76/759/EEC	L 262, 27.9.1976, p. 71
14.1.	Number plate illumination	76/760/EEC	L 262, 27.9.1976, p. 85
14.1.	Headlamps	76/761/EEC	L 262, 27.9.1976, p. 96
14.1.	Dipped-beam headlamps	76/761/EEC	—
14.1.	Front fog lamps	76/762/EEC	L 262, 27.9.1976, p. 122
14.1.	Rear fog lamps	77/538/EEC	L 220, 29.8.1977, p. 60
14.1.	Reversing lamps	77/539/EEC	L 220, 29.8.1977, p. 72
22.2.	Safety glazing	92/22/EEC	L 129, 14.5.1992, p. 11
23.1.	Pollutant emissions	88/77/EEC	L 36, 9.2.1988, p. 33

PART II B

The following Regulations, taken from the Annex to the Revised 1958 Agreement and recognised in their latest versions by the Community in its capacity as a contracting party to the said Agreement on the date of EC type-approval according to the corresponding separate Directive, may be applied in place of the corresponding separate Directives on 'agricultural tractors' and those on 'motor vehicles' in the Table of Part II A.

Number given in the table in Part I (separate Directive)		Number of the UN/ECE Regulation
1.5.	Audible warning device	R 28
1.6.	(External) sound levels	R 51
4.1.	Field of vision and windscreen wipers	R 71
5.1.	Steering	R 79
6.1.	Suppression of radio interference	R 10
7.1.	Braking devices	R 13
13.1.	Lighting installation	R 86 (1)
14.1.	Rear reflex reflectors	R 3
14.1.	Rear lamps	R 7
14.1.	Direction indicator	R 6
14.1.	Number plate illumination	R 4
14.1.	Headlamps	R 1 – R 8 – R 20 – R 98
14.1.	Dipped-beam headlamps	R 1 – R 8 – R 20 – R 98
14.1.	Front fog lamps	R 19
14.1.	Rear fog lamps	R 38
14.1.	Reversing lamps	R 23
22.2.	Safety glazing	R 43 (2)
23.1.	Pollutant emissions	R 49/R 96 (3)

(1) Only for the devices referred to in the corresponding Directive.
(2) Except for glazed windscreens.
(3) Only with regard to the stages referred to in the corresponding Directive.

PART II C

CORRESPONDENCE WITH THE OECD STANDARDISED CODES

The test bulletins (complete) which conform to the OECD codes given below may be used in place of the test reports drawn up in compliance with the corresponding separate Directives.

Number given in the table in Part I (separate Directives)		Subject	OECD Codes (1)
10.1.	77/536/EEC	Official tests on the protection structures of agricultural or forestry tractors (dynamic testing)	Code 3
26.1.	76/115/EEC		
16.1.	79/622/EEC	Official tests on protective structures for agricultural or forestry tractors (static test)	Code 4
26.1.	76/115/EEC		
19.1.	86/298/EEC	Official tests on the rear-mounted protection structures of narrow-track wheeled agricultural or forestry tractors	Code 7
26.1.	76/115/EEC		
21.1.	87/402/EEC	Official tests on protection structures mounted on the front of narrow-track wheeled agricultural or forestry tractors	Code 6
26.1.	76/115/EEC		
	SD (2)	Official tests on the protection structures of agricultural or forestry track-laying tractors	Code 8
26.1.	76/115/EEC		

(1) Test bulletins must be in conformity with OECD Decision C(2005) 1. The equivalence of the test bulletins can only be recognized for seat belt anchorages if these have been tested. The test bulletins in conformity with the codes following Decision C(2000) 59 as last amended by Decision C(2003) 252 may also be accepted during a transitional period of one year starting of the date of publication of Decision C(2005) 1 on the OECD website i.e. up tp 21 April 2006.

(2) SD: to be covered by a separate Directive.

APPENDIX 1

PART I

DEFINITION OF SPECIAL-PURPOSE VEHICLES AND LIST OF REQUIREMENTS FOR THE PURPOSES OF VEHICLE EC TYPE-APPROVAL

Owing to the need to operate in specific situations, the following special-purpose vehicles exist:

1. T4 TRACTORS

1.1. T4.1 High-clearance Tractors

Tractors designed for working with high-growing crops, such as vines. They feature a raised chassis or section of chassis, enabling them to advance in parallel with the crop with left and right wheels on either side of one or more rows of the crop. They are intended for carrying or operating tools which may be fitted at the front, between the axles, at the rear or on a platform. When the tractor is in working position the ground clearance perpendicular to the crop rows exceeds 1000 mm. Where the height of the centre of gravity of the tractor [(1)] (measured in relation to the ground, using the tyres normally fitted), divided by the average minimum track of all of the axles exceeds 0.90, the maximum design speed must not exceed 30 km/h.

1.2. T4.2 Extra-wide Tractors

Tractors characterised by their large dimensions, primarily intended for working large areas of farmland.

1.3. T4.3 Low-clearance Tractors

Four-wheel drive agricultural or forestry tractors whose interchangeable equipment is intended for agricultural or forestry use and which are characterised by a supporting frame, equipped with one or more power take-offs, having a technically permissible mass no greater than 10 tonnes, and for which the ratio of this mass to the maximum unladen mass in running order is less than 2.5. Moreover, the centre of gravity of these tractors [(1)] (measured in relation to the ground, using the tyres normally fitted) is less than 850 mm.

2. CATEGORY C4

C4.1: Tracked high-clearance tractors: defined by analogy with Category T4.1.

---

(1) In accordance with ISO Standard 789-6:1982.

PART II

APPLICABILITY OF THE SEPARATE DIRECTIVES TO SPECIAL-PURPOSE VEHICLES

No	Subject	Base Directives and Annexes	Applicability			
			T4.1	T4.2	T4.3	C4.1
1.1.	Maximum laden mass	74/151/EEC (Annex I)	X	X	X	X
1.2.	Registration plate	74/151/EEC (Annex II)	(X)	(X)	X	(X)
1.3.	Fuel tank	74/151/EEC (Annex III)	X	X	X	X
1.4.	Ballast masses	74/151/EEC (Annex IV)	X	X	X	X
1.5.	Audible warning device	74/151/EEC (Annex V)	X	X	X	X
1.6.	Sound level (external)	74/151/EEC (Annex VI)	(X)	(X)	X	(X)
2.1.	Maximum speed	74/152/EEC (Annex, Paragraph 1)	X	X	X	X
2.2.	Load platforms	74/152/EEC (Annex, Paragraph 2)	(X)	X	(X)	(X)
3.1.	Rear-view mirrors	74/346/EEC	(X)	X	X	(X)
4.1.	Field of vision and windscreen wipers	74/347/EEC	(X)	(X)	X	(X)
5.1.	Steering	75/321/EEC	X	X	X	SD
6.1.	Electromagnetic interference	75/322/EEC	X	X	X	X
7.1.	Braking devices	76/432/EEC	(X)	X	X	(X)
8.1.	Passenger seats	76/763/EEC	X	X	X	X
9.1.	Sound levels (internal)	77/311/EEC	(X)	X	X	(X)
10.1.	ROPS	77/536/EEC	SD	X	X	SD
12.1.	Driving seat	78/764/EEC	(X)	X	X	(X)
13.1.	Lighting installation	78/933/EEC	(X)	(X)	X	(X)
14.1.	Lighting and light-signalling devices	79/532/EEC	X	X	X	X
15.1.	Coupling and reversing devices	79/533/EEC	(X)	X	X	(X)
16.1.	ROPS (static testing)	79/622/EEC	SD	X	X	SD
17.1.	Operating space, access to the driving position	80/720/EEC	(X)	(X)	(X)	(X)
18.1.	Power take-offs	86/297/EEC	X	X	X	X
19.1.	Rear-mounted ROPS (narrow-track tractors)	86/298/EEC	—	—	—	—

No	Subject	Base Directives and Annexes	Applicability			
			T4.1	T4.2	T4.3	C4.1
20.1.	Installation of the controls	86/415/EEC	X	X	X	X
21.1.	Front-mounted ROPS (narrow-track tractors)	87/402/EEC	—	—	—	—
22.1.	Dimensions and trailer mass	89/173/EEC (Annex I)	(X)	X	X	(X)
22.2.	Glazing	89/173/EEC (Annex III)	X	X	X	X
22.3.	Speed governor	89/173/EEC (Annex II(1))	X	X	X	X
22.4.	Protection of drive components	89/173/EEC (Annex II(2))	(X)	X	X	(X)
22.5.	Mechanical couplings	89/173/EEC (Annex IV)	X	(X)	X	X
22.6.	Registration plate	89/173/EEC (Annex V)	X	X	X	X
22.7.	Trailer-brake coupling	89/173/EEC (Annex VI)	X	(X)	X	X
23.1.	Pollutant emissions	2000/25/EC	X	X	X	X
24.1.	Tyres [1]	(.../.../EC)	SD	SD	SD	—
25.1.	Stability [1]	(…/…/EC)	SD	—	—	SD

Definition:

X = applicable as is

(X) = applicable in amended form [2]

SD = requires separate Directive

— = not applicable

(1) Pending the adoption of Directives on tyres and stability, the absence of a separate Directive on this does not prevent the granting of the whole vehicle type-approval.

(2) For EC type-approval, the brackets must be removed.

APPENDIX 2

PROCEDURES TO BE FOLLOWED DURING VEHICLE EC TYPE-APPROVAL

1. In the case of an application made pursuant to Article 3 (in accordance with Annex I, Model B), the EC type-approval authority shall:

   (a) check that the component EC type-approvals and EC type-approvals issued pursuant to the separate Directives are applicable, and shall arrange for any tests and checks required by any of the separate Directives not covered by such approvals to be carried out;

   (b) make sure, by reference to the documentation, that the vehicle specification(s) and data contained in Part I of the vehicle information document are included in the data in the information packages or the approval reports for the relevant separate Directive approvals and, when an item number in Part I of the information document is not included in the information package for any of the separate Directives, confirm that the relevant part or characteristic conforms to the particulars in the information folder;

   (c) carry out or arrange to have carried out, on a selected sample of vehicles from the type to be approved, 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 separate Directive approvals;

   (d) carry out or arrange to have carried out relevant installation checks in respect of separate technical units where applicable.

2. The number of vehicles to be inspected for the purposes of Paragraph 1(c) shall be sufficient to permit the proper examination of the various combinations to be approved in accordance with the following criteria:

   — engine;

   — gearbox;

   — powered axles (number, position, interconnection);

   — steered axles (number and position);

   — braked axles (number);

   — roll-over protection structure.

3. In the case of an application made pursuant to Article 3 (in accordance with Annex I, Model A), the EC type-approval authority shall:

   (a) arrange for the necessary tests and checks as required by each of the relevant separate Directives;

   (b) verify that the vehicle conforms to the particulars in the information folder and that it meets the technical requirements of each of the relevant separate Directives;

   (c) carry out or arrange to have carried out relevant installation checks in respect of separate technical units, where applicable.

CHAPTER C

VEHICLE EC TYPE-APPROVAL CERTIFICATE

SPECIMEN: (maximum format: A4 (210 x 297 mm) or a folder of A4 format)

PART I

Page 1

EC type-approval authority stamp

Communication concerning:

— approval of a type of vehicle [1]
— extension of approval of a type of vehicle [1]
— refusal to grant approval of a type of vehicle [1]
— withdrawal of approval of a type of vehicle [1]

— Complete [1]
— Completed [1]
— Incomplete [1]
— with complete and incomplete variants [1]
— with completed and incomplete variants [1]

pursuant to Directive 2003/37/EC, as last amended by Directive .../.../EC

EC type-approval number:.....

Reason for extension:.....

0 GENERAL

0.1 Make(s) (registered by the manufacturer):.....

0.2 Type (specify any variants and versions):.....

0.2.1 Trade name(s) [2] (where appropriate): .....

0.3. Means of identification of type, if marked on the vehicle: .....

0.3.1 Manufacturer's plate (location and method of affixing): .....

0.3.2 Chassis identification number (location): .....

0.4 Category of vehicle [3]:.....

---

(1) Delete whichever does not apply.

(2) If this component is not known during reception, it must be completed during the last stage prior to the vehicle being placed on the market.

(3) As defined in Annex II, Chapter A, of Directive 2003/37/EC.

Page 2

0.5 Name and address of manufacturer of complete vehicle [1] .....

Name and address of manufacturer of base vehicle [1] .....

Name and address of manufacturer of the last stage of the incomplete vehicle [1] .....

Name and address of manufacturer of completed vehicle [1].....

0.8 Name(s) and address(es) of assembly plant(s): .....

I the undersigned hereby certify that the manufacturer's description in the attached information document of the vehicle(s) described above (a sample of each vehicle having been selected by the EC type-approval authority and submitted by the manufacturer as prototype of the vehicle type) is accurate and that the attached test results are applicable to the vehicle type.

1. For complete and completed vehicles/variants [1] .....

The type of vehicle meets/does not meet [1] the requirements of all of the relevant separate Directives.

2. For incomplete vehicles [1]

The type of vehicle meets/does not meet [1] the requirements of all of the relevant separate Directives listed in the Table on Page 3.

3. EC type-approval is granted/refused/withdrawn [1].

4. EC type-approval is granted under Article II of Directive 2003/37/EC and shall be valid until ..... dd/mm/yy.

....
(Place) (Date)

.....
(Signature)

Annexes: Information file (including Parts II and III (where appropriate) of the information document Model B).

Test results

Name(s) and specimen(s) of the signature of the person(s) authorised to sign the certificates of conformity, and a statement as to his/their function within the organisation.

N.B.: If this model is used for EC type-approval pursuant to Articles 9 to 11 of Directive 2003/37/EC, it may not bear the heading 'Vehicle EC type-approval certificate' except in the case referred to in Article 11 where the Commission has approved the report.

---

[1] Delete whichever does not apply.

Page 3

Where incomplete or completed vehicles or variants are concerned, this EC type-approval is based on the EC type-approval(s) of incomplete vehicles referred to below:

Stage 1: Manufacturer of Base Vehicle:

— EC type-approval number: .....

— Date: .....

— Variants concerned: .....

Stage 2: Manufacturer:

— EC type-approval number: .....

— Date: .....

— Variants concerned: .....

Stage 3: Manufacturer:

— EC type-approval number: .....

— Date: .....

— Variants concerned: .....

Where the EC type-approval covers one or more incomplete variants, a list of the variants which are complete or completed: .....

List of requirements applying to types of type-approved incomplete vehicle or variants.

(Where appropriate, account being taken of the scope and most recent amendment of each of the separate Directives referred to below).

Heading	Subject	Directive	Last amended	Variant(s) concerned

Page 4

In the case of EC type-approval of a special-purpose vehicle, or of EC type-approval granted under Article 11 of Directive 2003/37/EC, a list of exemptions granted or special measures taken.

Heading	Subject	Kind of EC type-approval and nature of exemptions		Variant(s) concerned

PART II

TEST RESULTS

(to be completed by the EC type-approval authority and attached to the tractor EC type-approval certificate)

1. Results of the Sound-level Tests (External)

Number of base Directive and most recent amendment applicable for EC type-approval. For a Directive with two or more application phases, indicate which phase: .....

Variant/version:	.....	.....	.....
Moving:	.....dB(A)	..... dB(A)	.....dB(A)
Stationary:	.....dB(A)	..... dB(A)	.....dB(A)
Engine speed:	..... min^{-1}	..... min^{-1}	..... min^{-1}

2. Results of the Exhaust Emission Tests

Number of base Directive and most recent amendment applicable for EC type-approval. For a Directive with two or more application phases, indicate which phase: .....

Variant/version: .....

a. Results

CO:	.....g/kWh	..... g/kWh	.....g/kWh
HC:	.....g/kWh	..... g/kWh	.....g/kWh
NO_x:	.....g/kWh	..... g/kWh	.....g/kWh
Particulates:	.....g/kWh	..... g/kWh	.....g/kWh
Smoke:	..... m^{-1}	..... m^{-1}	..... m^{-1}

b. Results [1]

CO:	.....g/kWh	..... g/kWh	.....g/kWh
NO_x:	.....g/kWh	..... g/kWh	.....g/kWh
NMHC:	.....g/kWh	..... g/kWh	.....g/kWh
CH_4:	.....g/kWh	..... g/kWh	.....g/kWh
Particulates:	.....g/kWh	..... g/kWh	.....g/kWh

(1) If applicable.

3. Driver-perceived Sound Level

Number of base Directive and most recent amendment applicable for EC type-approval. For a Directive with two or more application phases, indicate which phase: .....

Variant/version:	.....	.....	.....
	.....dB(A)	..... dB(A)	.....dB(A)
Test method used (Annex I or II to Council Directive 77/311/EEC)	—	—	—

APPENDIX 1

NUMBERING SYSTEM FOR EC TYPE-APPROVAL CERTIFICATES

EC type-approval certificates shall be numbered in accordance with the method described below.

1. The approval number consists of four parts where complete vehicles are approved and of five parts where systems, components and separate technical units are approved, in accordance with the requirements set out below. Components and separate technical units should be marked in accordance with the relevant separate Directives. In all cases the sections are to be separated by an asterisk.

_ Section 1: a lower-case letter 'e' followed by the distinguishing 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; 20 for Poland; 21 for Portugal; 23 for Greece; 24 for Ireland; 26 for Slovenia; 27 for Slovakia; 29 for Estonia; 32 for Latvia; 36 for Lithuania;. CY for Cyprus; MT for Malta

- Section 2: number of the base Directive: ……..
……

- Section 3: number of the latest amending Directive that is applicable to the approval…….
……..

In the case of vehicles approvals, this is the most recent Directive that amends an (some) Article(s) of Directive 2003/37/EC.

In the case of approvals under separate Directives, this is the most recent Directive containing specific provisions to which the system, component or separate technical unit is to conform.

Where a Directive includes different dates of entry into force which refer to different technical standards a letter of the alphabet is to be added. This letter will identify the specific technical requirement on the basis of which approval has been granted.

- Section 4: four-digit sequential number (with leading zeros as applicable) to denote the base approval number. The sequence shall start from 0001 for each base Directive.

- Section 5: two-digit sequential number (with leading zero if applicable) to denote the extension. The sequence shall start from 00 for each base approval number.

2. Where a vehicle is approved, Section 2 shall be omitted.

3. Section 5 is to be omitted solely from the statutory plate(s).

4. Example of a third system approval (that has so far received no extension) issued by France in respect of Directive 80/720/EEC:

e 2*80/720*88/414*0003*00

in the case of a Directive involving two implementation stages, namely A and B.

5. Example of a second extension to a fourth vehicle approval issued by the United Kingdom:

e 11*97/54*0004*02

in which case Directive 97/54/EC would be the most recent Directive so far amending the Articles of the framework Directive.

6. Example of the approval number stamped on the vehicles statutory plate(s):

e 11*97/54*0004.

Schedule III

EC CERTIFICATE OF CONFORMITY

PART I

SPECIMENS

(maximum format: A4 (210 x 297 mm) or a folder of A4 format)

(The certificate must be drawn up using the manufacturer's letterhead and in such a way as to exclude any possibility of falsification. To that end it shall be printed on paper protected either by means of colour graphics or by means of a watermark corresponding to the manufacturer's identification mark.)

EC CERTIFICATE OF CONFORMITY for complete/completed vehicles[1]

Page 1

I, the undersigned: .....

(Full name)

hereby certify that the following vehicle:

0.1. Make(s) (registered by the manufacturer):.....

0.2. Type (specify any variants and versions):.....

0.2.1 Trade name(s) (where appropriate): .....

0.3. Means of identification of type, if marked on the vehicle: .....

0.3.1. Manufacturer's plate (location and method of affixing):.....

0.3.2. Chassis identification number (location): .....

0.4. Category of vehicle:..... .....

0.5. Name and address of manufacturer:.....

0.6 Location of the statutory plates: .....

Stage 1: Base vehicle:

— Manufacturer: .....

— EC type-approval number: .....

— Date:.....

Stage 2:

— Manufacturer: .....

— EC type-approval number: .....

— Date:.....

[1] **Delete whichever does not apply**

Page 2

Vehicle identification number:.....

Numeric or alphanumeric identification code: .....

according to the type(s) of vehicle described in the approval(s) corresponds in every respect to the type described in

— EC type-approval number: .....

— Date:.....

The vehicle may be registered permanently, without requiring any further approvals, for driving on the right/left [1].

.....	.....
(Place)	(Date)
.....	.....
(Signature)	(Position)

Attachment: (only in the case of multi-stage vehicle types): certificates of conformity for each stage.

---

(1) Delete whichever does not apply.

Page 3

A — Complete/completed tractors [1]

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE TRACTOR

1.1. Number of axles and wheels [1]: .....

of which:

1.1.3. Powered axles: .....

1.1.4. Braked axles: .....

1.4. Reversible driving position: yes/no [1]

1.6. Tractor designed for driving on the: right/left [1]

2. MASSES AND DIMENSIONS

2.1.1 Unladen mass(es) in running order:

— maximum: .....

— minimum: .....

2.2.1 Maximum laden mass(es) of the tractor according to the tyre specification: .....

2.2.2 Distribution of that mass (those masses) among the axles: .....

2.2.3.1 Mass(es) and tyre(s):

Axle No	Tyres (dimensions)	Load capacity	Technically permissible maximum mass per axle	Maximum permissible vertical load on the coupling point
1				
2				
3				

2.3. Ballast masses: (total mass, material, number of components): .....

2.4. Technically permissible towable masses:

2.4.1. Drawbar trailer/interchangeable towed machinery: ..... kg

2.4.2. Semi-trailer/interchangeable towed machinery: ..... kg

---

[1] Delete whichever does not apply.

Page 4

2.4.3. Centre-axle trailer/interchangeable towed machinery: ..... kg

2.4.4. Total technically permissible mass(es) of the tractor-trailer combination for each configuration of trailer braking: ..... kg

2.4.5. Maximum mass of the trailer/interchangeable towed machinery which may be towed: ..... kg

2.4.6. Position of coupling point

2.4.6.1 Height of the coupling point above the ground:

2.4.6.1.1. Maximum: ..... mm

2.4.6.1.2. Minimum: ..... mm

2.4.6.2. Distance from the vertical plane passing through the axis of the rear axle: ..... mm

2.5. Wheelbase: ..... mm [(1)]

2.6. Minimum and maximum track: ..... / ..... mm [(1)]

2.7.1. Length: ..... mm [(1)]

2.7.2. Width: ..... mm [(1)]

2.7.3. Height: ..... mm [(1)]

3. ENGINE

3.1.1. Make: .....

3.1.3 Means of identification of type, location and method of affixing: .....

3.1.6 Operating principle:

— spark/compression ignition [(2)]

— direct/indirect injection [(2)]

— two/four-stroke [(2)]

3.1.7. Fuel:

diesel/petrol/LPG/other [(2)]

---

(1) State the minimum values.

(2) Delete whichever does not apply.

3.2.1.2. Type: ……..……

EC type-approval number: ……

3.2.1.6. .Number of cylinders……..…….……..

3.2.1.7. Cylinder capacity:…….……..……cm^3

3.6. Nominal engine power :.....KW at .....min $^{-1}$ (1)

3.6.1.. Optional: Power at the power take-off……KW (1) at ……..min^{-1}
(rated speed PTO) (in accordance with OECD code 2 or ISO 789-1:1990)

(1) State the test method used.

Page 5

4. TRANSMISSION

4.5. Gearbox

Number of ratios:

— front: .....

— rear: .....

4.7. Calculated maximum design speed:..... km/h

4.7.1. Measured maximum speed: ..... km/h

7. STEERING

7.1. Steering category: manual/power/servo steering [1]

8. BRAKING (brief description of the braking system):.....

8.11.4.1. Overpressure at coupling: (single-line):.....kPa

8.11.4.2. Overpressure at coupling: (two-line): .....kPa

10. ROLL-OVER PROTECTIVE STRUCTURES, WEATHER PROTECTION, SEAT, LOAD PLATFORMS

10.1. Frame/cab [1]

— Make(s):	.....	.....
— EC Type-approval mark(s):	.....	.....

10.1.3. Roll-over hoop:

— front/rear [1]

— fold-down/fixed [1]

— Make(s):	.....	.....
— EC type-approval mark(s):	.....	.....

10.3.2 Passenger seat(s):

Number: .....

---

[1] Delete whichever does not apply.

Page 6

10.4. Load platform:

10.4.1 Dimensions:..... mm

10.4.3 Technically permissible load: ..... kg

11. LIGHTING AND LIGHT-SIGNALLING DEVICES:

11.2. Optional devices.....

12. MISCELLANEOUS

12.2 Mechanical coupling between the tractor and the trailer:

12.2.1.	Type(s):	....
12.2.2.	Make(s):	....
12.2.3.	EC type-approval mark(s):	....
12.2.4.	Maximum horizontal load (kg)	....
	Maximum vertical load (kg) (where appropriate)	....

12.3. Hydraulic lift - three-point coupling: yes/no [1]

13 EXTERIOR SOUND LEVEL

Number of base Directive and most recent amendment applicable for EC type-approval. For a Directive with two or more application phases, indicate which phase: .....

14.1. stationary:.....dB(A)

14.2. moving:.....dB(A)

14 DRIVER-PERCEIVED SOUND LEVEL [2]

Number of base Directive and most recent amendment applicable for EC type-approval. For a Directive with two or more application phases, indicate which phase: .....dB(A)

15 EXHAUST EMISSIONS [3]

Number of base Directive and most recent amendment applicable for EC type-approval. For a Directive with two or more application phases, indicate which phase: .....

15.1. Results of tests

CO:..... g/kWh HC:..... g/kWh NO_x:..... g/kWh

Particulates:..... g/kWh Smoke (x): ..... m^{-1}

---

(1) Delete whichever does not apply.

(2) State the test method used.

(3) State the minimum values.

Page 7

15.2 Results of tests [1]

CO…….....g/kWh NO_x……..g/kWh NMHC……..g/kWh

CH_4…….g/kWh Particulates……..g/kWh

16. FISCAL HORSEPOWER(S) OR CLASS(ES)

- Italy: …… - Germany: …….. - Greece: ……..
- Belgium|: …….. - Netherlands: …….. - Portugal: …….
- Denmark: …….. - Ireland : …… - Sweden: ……...
- United Kingdom: …… - Finland: …… - Cyprus: ……
- Austria: …… - Estonia: …… - Hungary: …….
- Czech Republic: …….. - Lithuania: …… - Slovenia: …….
- Latvia: …… - Poland: ……. - Slovakia: …….
- Malta: …… - Spain: ……..
- France: ……. - Luxembourg: ……...

17. COMMENTS [2]: ……...

[1] If applicable

[2] *Inter alia*, any information required with regard to the various optional areas or values and mutually dependent relationships (Where appropriate, in the form of a table)

Page 3

B — Agricultural or Forestry Trailers — Complete/completed [1]

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE TRAILER

1.1. Number of axles and wheels:.....

of which:

1.1.4. Braked axles: .....

2. MASSES AND DIMENSIONS

2.1.1 Unladen mass(es) in running order:

— maximum: .....

— minimum: .....

2.2.1. Technically permissible maximum laden mass(es) of the trailer according to the tyre specification: .....

2.2.2. Distribution of this (these) mass(es) among the axles and, in the case of a semi-trailer or a centre-axle trailer, the load on the coupling point: .....

2.2.3.1 Mass(es) and tyre(s):

Axle No	Tyres (dimensions)	Load capacity	Technically permissible maximum mass per axle	Maximum permissible vertical load on the coupling point
1				
2				
3				

2.4.6. Position of coupling point

2.4.6.1 Height of the coupling point above the ground:

2.4.6.1.1. Maximum:..... mm

2.4.6.1.2. Minimum:..... mm

(1) Delete whichever does not apply.

Page 4

2.4.6.2. Distance from the vertical plane passing through the axis of the rear axle: ..... mm

2.5. Wheelbase: ..... mm [(1)]

2.5.1.2. Distance between the coupling pin and the rear of the semi-trailer: ..... mm

2.6. Minimum and maximum track: ..... / ..... mm [(1)]

2.7.2.1. Length [(1)]: ..... mm

2.7.2.1.1. Length of the loading area: ..... mm

2.7.2.2. Width [(1)]: ..... mm

8. **BRAKING** (brief description of the braking system): .....

unbraked/independent braking system/inertia brakes/assisted braking [(2)]

8.11.4.1. Overpressure at coupling: (single-line): ..... kPa

8.11.4.2. Overpressure at coupling: (two-line): ..... kPa

11. **LIGHTING AND LIGHT-SIGNALLING DEVICES:**

11.2. Additional optional devices: .....

12. **MISCELLANEOUS**

12.2 Mechanical coupling between the tractor and the trailer:

12.2.1.	Type(s):	.....	.....
12.2.2.	Make(s):	.....	.....
12.2.3.	EC type-approval mark(s):	.....	.....
12.2.4.	Maximum horizontal load (kg)	.....	.....
	Maximum vertical load (kg) (where appropriate)	.....	.....

(1) State the minimum values.

(2) Delete whichever does not apply.

Page 5

16. FISCAL HORSEPOWER(S) OR CLASS(ES) (IF APPLICABLE)

- Italy: ……	- Germany: ……..	- Greece: ……..
- Belgium|: ……..	- Netherlands: ……..	- Portugal: …….
- Denmark: ……..	- Ireland : ……	- Sweden: ……...
- United Kingdom: ……	- Finland: ……	- Cyprus: ……
- Austria: ……	- Estonia: ……	- Hungary: …….
- Czech Republic: ……..	- Lithuania: ……	- Slovenia: …….
- Latvia: ……	- Poland: ……	- Slovakia: …….
- Malta: ……	- Spain: ……..	
- France: …….	- Luxembourg: ……...	

17. COMMENTS [(1)]: ……...

(1) *Inter alia*, any information required with regard to the various optional areas or values and mutually dependent relationships (Where appropriate, in the form of a table)

Page 3

C — Interchangeable Towed Machinery — Complete/completed [1]

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE INTERCHANGEABLE TOWED MACHINERY

1.1. Number of axles and wheels:.....

of which:

1.1.4. Braked axles: .....

2. MASSES AND DIMENSIONS

2.1.1 Unladen mass(es) in running order:

— maximum: .....

— minimum: .....

2.2.1. Maximum laden mass(es) of the interchangeable towed machinery according to the tyre specification: .....

2.2.2. Distribution of that mass (those masses) among the axles: .....

2.2.3.1 Mass(es) and tyre(s):

Axle No	Tyres (dimensions)	Load capacity	Technically permissible maximum mass per axle	Maximum permissible vertical load on the coupling point
1				
2				
3				

2.4.6. Position of coupling point

2.4.6.1 Height of the coupling point above the ground:

2.4.6.1.1. Maximum:..... mm

2.4.6.1.2. Minimum:..... mm

---

(1) Delete whichever does not apply.

Page 4

2.4.6.2. Distance from the vertical plane passing through the axis of the rear axle: ..... mm

2.5. Wheelbase: ..... mm [(1)]

2.6. Minimum and maximum track: ..... / ..... mm [(1)]

2.7.1. Length [(1)]: ..... mm

2.7.2. Width [(1)]: ..... mm

2.7.3. Height [(1)]: ..... mm

8. BRAKING (brief description of the braking system): .....

unbraked/independent braking system/inertia brakes/assisted braking [(2)]

8.11.4.1. Overpressure at coupling: (single-line): ..... kPa

8.11.4.2. Overpressure at coupling: (two-line): ..... kPa

10. ROLL-OVER PROTECTIVE STRUCTURES, WEATHER PROTECTION, SEAT, LOAD PLATFORMS

10.4. Load platform:

10.4.1. Dimensions: ..... mm

10.4.3. Technically permissible load: ..... kg

11. LIGHTING AND LIGHT-SIGNALLING DEVICES:

11.2. Additional optional devices: .....

12. MISCELLANEOUS

12.2 Mechanical coupling between the tractor and the interchangeable towed machinery:

12.2.1.	Type(s):	.....	.....
12.2.2.	Make(s):	.....	.....
12.2.3.	EC type-approval mark(s):	.....	.....
12.2.4.	Maximum horizontal load (kg)	.....	.....
	Maximum vertical load (kg) (where appropriate)	.....	.....

(1) State the minimum values.

(2) Delete whichever does not apply.

Page 5

16. FISCAL HORSEPOWER(S) OR CLASS(ES) (IF APPLICABLE)

- Italy: ……	- Germany: ……..	- Greece: ……..
- Belgium|: ……..	- Netherlands: ……..	- Portugal: …….
- Denmark: ……..	- Ireland : ……	- Sweden: ……...
- United Kingdom: ……	- Finland: ……	- Cyprus: ……
- Austria: ……	- Estonia: ……	- Hungary: …….
- Czech Republic: ……..	- Lithuania: ……	- Slovenia: …….
- Latvia: ……	- Poland: …….	- Slovakia: …….
- Malta: ……	- Spain: ……..	
- France: …….	- Luxembourg: ……...	

17. COMMENTS [(1)]: ……...

(1) *Inter alia*, any information required with regard to the various optional areas or values and mutually dependent relationships (Where appropriate, in the form of a table)

PART II

SPECIMENS

(maximum format: A4 (210 mm x 297 mm) or a folder of A4 format)

(The certificate must be drawn up using the manufacturer's letterhead and in such a way as to exclude any possibility of falsification. To that end it shall be printed on paper protected either by means of colour graphics or by means of a watermark corresponding to the manufacturer's identification mark.)

EC CERTIFICATE OF CONFORMITY

for Incomplete vehicles

Page 1

I, the undersigned: .....
(Full name)

hereby certify that the following vehicle:

0.1. Make(s) (name of manufacturer): .....

0.2. Type (specify any variants and versions): .....

0.2.1 Trade name(s) (where appropriate): .....

0.3. Location of and method of affixing statutory plates and inscriptions (photographs or drawings): .....

0.3.1. Manufacturer's plate (location and method of affixing): .....

0.3.2. Chassis identification number (location): .....

0.4. Category of vehicle: .....

0.5. Name and address of manufacturer of base vehicle:

Name and address of manufacturer having carried out the final stage of manufacture of the vehicle [1] .....

0.6 Location of the statutory plates:

Vehicle identification number: .....

Numeric or alphanumeric identification code: .....

according to the type(s) of vehicle described in the approval(s) [1]

Stage 1: Base vehicle:

— Manufacturer: .....

— EC type-approval number: .....

— Date: .....

---

(1) Delete whichever does not apply.

Page 2

Stage 2:

— Manufacturer: .....

— EC type-approval number: .....

— Date: .....

corresponds in every respect to the incomplete type described in

EC type-approval number: .....

Date: .....

The vehicle may not be registered permanently without obtaining further approvals for driving on the right/left [1].

....
(Place) (Date)

....
(Signature) (Position)

Attachment: certificates of conformity for each stage.

(1) Delete whichever does not apply.

A — Agricultural or Forestry Trailers — Incomplete

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE TRAILER

1.1. Number of axles and wheels: .....

of which:

1.1.4. Braked axles: .....

2. MASSES AND DIMENSIONS

2.1.1 Masses of the bare chassis:

— maximum: .....

— minimum: .....

2.2.1 Technically permissible maximum laden mass(es) of the trailer according to the tyre specification: .....

2.2.2 Distribution of this (these) mass(es) among the axles and, in the case of a semi-trailer or a centre-axle trailer, the load on the coupling point: .....

2.2.3.1 Mass(es) and tyre(s):

Axle No	Tyres (dimensions)	Load capacity	Technically permissible maximum mass per axle	Maximum permissible vertical load on the coupling point
1				
2				
3				

2.4.6. Position of coupling point

2.4.6.1 Height of the coupling point above the ground:

2.4.6.1.1. Maximum: ..... mm

2.4.6.1.2. Minimum: ..... mm

Page 4

2.4.6.2. Distance from the vertical plane passing through the axis of the rear axle:..... mm

2.5. Wheelbase:..... mm [(1)]

2.5.1.2. Distance between the centre of coupling device and the rear of the semi-trailer: ..... mm

2.6. Minimum and maximum track:..... / ..... mm [(1)]

2.7.1.1. Length [(1)]:..... mm

2.7.1.1.1. Maximum permissible length for the completed trailer:..... mm

2.7.1.2. Width [(1)]:..... mm

2.7.1.2.1. Maximum permissible width for the completed trailer: ..... mm

2.7.1.7. Extreme permissible positions of the centre of gravity for the completed trailer:..... mm

8. **BRAKING** (brief description of the braking system):.....

unbraked/independent braking system/inertia brakes/assisted braking [(2)]

8.11.4.1. Overpressure at coupling: (single-line):.....kPa

8.11.4.2. Overpressure at coupling: (two-line): .....kPa

11. **LIGHTING AND LIGHT-SIGNALLING DEVICES:**

11.2. Additional optional devices .....

12. **MISCELLANEOUS**

12.2 Mechanical coupling between the tractor and the trailer:

12.2.1.	Type(s):	.....	.....
12.2.2.	Make(s):	.....	.....
12.2.3.	EC type-approval mark(s):	.....	.....
12.2.4.	Maximum horizontal load (kg)	.....	.....
	Maximum vertical load (kg) (where appropriate)	.....	.....

(1) State the minimum values.

(2) Delete whichever does not apply.

Page 5

16. FISCAL HORSEPOWER(S) OR CLASS(ES) (IF APPLICABLE)

- Italy: ……	- Germany: ……..	- Greece: ……..
- Belgium|: ……..	- Netherlands: ……..	- Portugal: …….
- Denmark: ……..	- Ireland : ……	- Sweden: ……...
- United Kingdom: ……	- Finland: ……	- Cyprus: ……
- Austria: ……	- Estonia: ……	- Hungary: …….
- Czech Republic: ……..	- Lithuania: ……	- Slovenia: …….
- Latvia: ……	- Poland: …….	- Slovakia: …….
- Malta: ……	- Spain: ……..	
- France: …….	- Luxembourg: ……...	

17. COMMENTS [(1)]: ……...

(1) *Inter alia*, any information required with regard to the various optional areas or values and mutually dependent relationships (Where appropriate, in the form of a table)

B — Interchangeable Towed Machinery — Incomplete

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE INTERCHANGEABLE TOWED MACHINERY

1.1. Number of axles and wheels:.....

of which:

1.1.4. Braked axles: .....

2. MASSES AND DIMENSIONS

2.1.1 Mass(es) of the bare chassis:

— maximum: .....

— minimum: .....

2.2.1. Technically permissible maximum laden mass(es) of interchangeable towed machinery according to the tyre specification:.....

2.2.2. Distribution of this (these) mass(es) among the axles and, in the case of a semi-trailer or centre-axle vehicle, the load on the coupling point:.....

2.2.3.1 Mass(es) and tyre(s):

Axle No	Tyres (dimensions)	Load capacity	Technically permissible maximum mass per axle	Maximum permissible vertical load on the coupling point
1				
2				
3				

2.4.6. Position of coupling point

2.4.6.1 Height of the coupling point above the ground:

2.4.6.1.1. Maximum:..... mm

2.4.6.1.2. Minimum:..... mm

Page 4

2.4.6.2. Distance from the vertical plane passing through the axis of the rear axle: ..... mm

2.5. Wheelbase: ..... mm [(1)]

2.5.1.2. Distance between the centre of coupling device and the rear of the semi-trailer vehicle:.....
..... mm

2.6. Minimum and maximum track: ..... / ..... mm [(1)]

2.7.1.1. Length [(1)]:..... mm

2.7.1.1.1. Maximum permissible length for the completed vehicle: ..... mm

2.7.1.2. Width [(1)]:..... mm

2.7.1.2.1. Maximum permissible width for the completed vehicle: ..... mm

2.7.1.7. Extreme permissible positions of the centre of gravity for the completed vehicle:..... mm

8. **BRAKING** (brief description of the braking system): .....

unbraked / independent braking system / inertia brakes / assisted braking [(2)]

8.11.4.1. Overpressure at coupling: (single-line): .....kPa

8.11.4.2. Overpressure at coupling: (two-line):.....kPa

11. **LIGHTING AND LIGHT-SIGNALLING DEVICES:**

11.2. Additional optional devices: .....

12. **MISCELLANEOUS**

12.2 Mechanical coupling between the tractor and the vehicle:

12.2.1.	Type(s):	.....	.....
12.2.2.	Make(s):	.....	.....
12.2.3.	EC type-approval mark(s):	.....	.....
12.2.4.	Maximum horizontal load (kg)	.....	.....
	Maximum vertical load (kg) (where appropriate)	.....	.....

(1) State the minimum values.

(2) Delete whichever does not apply.

Page 5

16. FISCAL HORSEPOWER(S) OR CLASS(ES) (IF APPLICABLE)

- Italy: ……	- Germany: ……..	- Greece: ……..
- Belgium|: ……..	- Netherlands: ……..	- Portugal: …….
- Denmark: ……..	- Ireland : ……	- Sweden: ……...
- United Kingdom: ……	- Finland: ……	- Cyprus: ……
- Austria: ……	- Estonia: ……	- Hungary: …….
- Czech Republic: ……..	- Lithuania: ……	- Slovenia: …….
- Latvia: ……	- Poland: …….	- Slovakia: …….
- Malta: ……	- Spain: ……..	
- France: …….	- Luxembourg: ……...	

17. COMMENTS [(1)]: ……...

(1) *Inter alia*, any information required with regard to the various optional areas or values and mutually dependent relationships (Where appropriate, in the form of a table)

Schedule IV

PROCEDURES TO ENSURE CONFORMITY OF PRODUCTION

1. INITIAL ASSESSMENT

1.1. Before granting EC type-approval, the EC type-approval authority in a Member State shall verify the existence of satisfactory arrangements and procedures for ensuring effective checking that components, systems, separate technical units or vehicles in production conform to the approved type.

1.2. The requirement in Paragraph 1.1 must be verified to the satisfaction of the authority granting EC type-approval. This verification may be carried out on behalf of the authority granting EC type-approval by the EC type-approval authority in another Member State. In this case, the latter authority shall prepare a statement of compliance outlining the areas and production facilities it considers to be relevant to the product(s) to be type-approved.

1.3. The EC type-approval authority shall accept the manufacturer's certification to harmonised Standard EN ISO 9001: 2000 with the permissible exclusion of the requirements related to the concepts of design and development, Paragraph 7.3. 'Customer satisfaction and continual improvement' (the scope of which covers the product(s) to be type-approved) or an equivalent accreditation standard as satisfying the requirements of Paragraph 1.1. The manufacturer shall provide details of the registration and undertake to inform the approval authorities of any amendments to its validity or scope.

1.4. On receiving a request from the authority of another Member State, the EC type-approval authority shall forthwith send the statement of compliance referred to in Paragraph 1.2 or advise that it is not in a position to provide such a statement.

2. CONFORMITY OF PRODUCTION

2.1. Every vehicle, system, component or separate technical unit type-approved pursuant to this Directive or a separate Directive must be so manufactured as to conform to the type approved by meeting the requirements of this Directive or of a separate Directive appearing in the exhaustive list set out in Annex II, Chapter B.

2.2. When granting EC type-approval, the EC type-approval authority in a Member State shall verify the existence of adequate arrangements and documented control plans, to be agreed with the manufacturer for each EG type-approval, for the carrying out at specified intervals of the tests or associated checks that are needed to verify continued conformity to the approved type, including, where applicable, tests required by the separate Directives.

2.3. The holder of the EC type-approval must, in particular:

2.3.1. ensure the existence of procedures for effectively monitoring that products (vehicles, systems, components or separate technical units) conform to the EC type-approval;

2.3.2. have access to the testing equipment necessary for checking conformity to each approved type;

2.3.3. ensure that test results are recorded and that the attachments remain available for a period to be determined in agreement with the EC type-approval authority; this period shall not be greater than 10 years;

2.3.4. analyse the results of each type of test in order to verify and ensure the stability of the product characteristics, subject to the tolerances inherent in industrial production;

2.3.5. ensure that for each type of product at least the checks prescribed in this Directive and the tests prescribed in the applicable separate Directives appearing in the exhaustive list set out in Annex II are carried out;

2.3.6. ensure that if any set of samples or test pieces is found not to conform at the end of the test in question, further samples are taken and the tests are repeated. All necessary steps shall be taken to restore conformity of the corresponding production.

2.3.7. In the case of EC vehicle type-approval, the checks referred to in Paragraph 2.3.5 shall be restricted to those verifying compliance with the specifications set out in the EC type-approval.

2.4. The authority which granted EC type-approval may at any time verify the conformity control methods applied in each production facility. The normal frequency of these verifications shall be in line with the arrangements (if any) accepted under Paragraph 1.2. or 1.3. of this Annex and ensure that the relevant checks are reviewed over a period appropriate to the confidence required by the competent authority.

2.4.1. At every inspection, the test records and production records shall be made available to the visiting inspector.

2.4.2. Where the nature of the test so permits, the inspector may select samples at random to be tested in the manufacturer's laboratory (or in the laboratories of the testing body where a separate Directive so provides). The minimum number of samples may be determined according to the results of the manufacturer's own verification.

2.4.3. Where the level of monitoring is unsatisfactory, or where it seems necessary to verify the validity of the tests carried out under Paragraph 2.4.2, the inspector shall select samples to be sent to the testing body which conducted the EC type-approval tests.

2.4.4. The EC type-approval authority may carry out any check or test required by this Directive or in the relevant separate Directives appearing in the exhaustive list set out in Annex II, Chapter B.

2.4.5. Where unsatisfactory results are found during an inspection, the EC type-approval authority shall ensure that all necessary steps are taken to restore conformity of production as rapidly as possible.

Schedule V

A — SMALL SERIES LIMITS

The number of units within a type to be registered, placed on sale or put into service per year in each Member State shall not exceed the value shown below for the vehicle category in question.

Category	Units (for each type)
T	150
C	50
R	75
S	50

B — LIMITS FOR END-OF-SERIES VEHICLES

The maximum number of vehicles of one or several types entering service in each Member State, in accordance with the procedure provided for in Article 10, must not exceed 10% of the number of vehicles of all the types concerned which entered service in the two preceding years in the Member State in question; however, it may not be less than 20.

Vehicles entering service in accordance with this procedure shall be identified by a specific reference on the certificate of conformity.

Schedule VI

LIST OF EC TYPE- APPROVALS ISSUED

UNDER SEPARATE DIRECTIVES

EC type-approval authority stamp

List No: .....

Covering the period .....to.....

The following information shall be provided in respect of each EC type-approval granted, refused or withdrawn during the above-mentioned period:

Manufacturer:.....

EC type-approval number: .....

Make:.....

Type: .....

Date of issue: .....

First date of issue (in the case of extensions): .....

Schedule VII

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

1. GENERAL

1.1. The satisfactory operation of the multi-stage EC type-approval process requires concerted action by all the manufacturers concerned. To this end, before granting an initial or subsequent stage EC type-approval, the EC type-approval authority shall ensure that the relevant manufacturers have made suitable arrangements for the supply and interchange of documents and information such that the completed vehicle meets the technical requirements of all the relevant separate Directives as set out in Annex II, Chapter B.

Such information must include details of relevant system, component and separate-technical-unit EC type-approvals and of vehicle parts which form part of the incomplete vehicle but are not yet type-approved.

1.2. EC type-approvals in accordance with this Annex are granted on the basis of the current state of completion of the vehicle type and incorporate all EC type-approvals granted at the previous stage.

1.3- Each manufacturer in a multi-stage EC type-approval process shall be responsible for the EC type-approval and conformity of production of all systems, components and separate technical units manufactured by him or added by him to the previously built stage. He shall not be responsible for aspects which have been type-approved in an earlier stage unless he modifies vehicle parts to such an extent that the previously granted EC type-approval becomes invalid.

2. PROCEDURES

In the case of an application made in accordance with Article 4(2), the EC type-approval authorities must:

(a) verify that all relevant separate-Directive approvals can be applied to the appropriate standard in the separate Directive;

(b) ensure that all the relevant data, taking account of the state of completion of the vehicle, are 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 information folder are included in the data in the information packages or the EC type-approval certificates issued under the relevant separate Directives 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 separate Directives, confirm that the relevant part or characteristic conforms to the particulars in the information folder;

(d) on a sample of vehicles from the type to be approved, carry 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 information package that has been authenticated in respect of all relevant separate-Directive approvals, or arrange for such inspections to be carried out;

(e) where appropriate, carry out checks on the installation of the separate technical units, or arrange for such checks to be carried out.

3. NUMBER OF VEHICLES TO BE INSPECTED

The number of vehicles to be inspected for the purposes of Paragraph 2(d) shall be sufficient to permit proper monitoring of the various combinations to be type-approved on the basis of the state of completion of the vehicle and the following criteria:

— engine;

— gearbox;

— powered axles (number, position, interconnection);

— steered axles (number and position);

— braked axles (number);

— roll-over protection structure.

4. IDENTIFICATION OF THE VEHICLE

At the second and subsequent stages, each manufacturer shall affix to the vehicle a plate, in addition to the statutory plate required by Council Directive 89/173/EEC of December 21, 1988 on the approximation of the laws of the Member States relating to certain components and characteristics of wheeled agricultural or forestry tractors [(1)].

This plate must be firmly attached, in a conspicuous and readily accessible position on a part not subject to replacement in use. It must show clearly and indelibly the following information in the order listed:

— manufacturer's name;

— Sections 1, 3 and 4 of the EC type-approval number;

— stage of EC type-approval;

— vehicle serial number;

— maximum permitted laden mass of the vehicle;

— maximum towable mass;

— maximum permissible laden mass of the combination (where the vehicle is permitted to tow a trailer) [(2)];

— maximum permissible mass on each axle, listed in order from front to rear [(2)];

— maximum permissible vertical load on the coupling point [(2)].

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(1) OJ L 67, 10.3.1989, p. 1; Directive as last amended by Commission Directive 2000/1/EC (OJ L 21, 26.1.2000, p. 16).

(2) Only where the value has changed during the current stage of EC type-approval.

Schedule VIII

LIST OF SEPARATE DIRECTIVES, THEIR DATE OF ADOPTION AND ANY OTHER NATIONAL REQUIREMENT RELEVANT TO THE PARTICULAR DIRECTIVE.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
74/151/EEC	Council Directive of March 4, 1974 on the approximation of the laws of the member states relating to certain parts and characteristics of wheeled agricultural and forestry tractors		L 84, 28.04.1974	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		88/410/EEC	L 200, 26/07/1988	The effective date	None
		97/54/EEC	L 277, 10.10.1997	The effective date	None
		98/38/EEC	L 170, 16.06.1998	The effective date	None
74/152/EEC	Council Directive of March 4, 1974 on the approximation of the laws of the member states relating to the maximum design speed of and load platforms for wheeled agricultural or forestry tractors		L 84, 28.03.1974	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		88/412/EEC	L 200, 27.12.1988	The effective date	None
		97/54/EEC	L 277, 10.10.1997	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
		98/89/EEC	L 322 , 20.11.1998	The effective date; except for Article 2.2 which will be adopted on 01.10.2004as required by the directive.	None
74/346/EEC	Council Directive of June 25, 1974 on the approximation of the laws of the member states relating to rear view mirrors for wheeled agricultural or forestry tractors		L 191, 15.07.1974	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		97/54/EEC	L 277, 10.10.1997	The effective date	None
		98/40/EC	L 171, 17.06.1998	The effective date	None
74/347/EEC	Council Directive of June 25, 1974 on the approximation of the laws of the member states relating to the field of vision and windscreen wipers for wheeled agricultural or forestry tractors		L 191 15.07.1974		
		79/1073/EEC	L 331, 27.12.1979	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		97/54/EC	L 277, 10.10.1997	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
75/321/EEC	Council Directive of May 20, 1975 on the approximation of the laws of the member states relating to the steering equipment of wheeled agricultural or forestry tractors		L 147, 09.06.1975	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		88/411/EEC	L 200/30, 26.07.1988	The effective date	None
		97/54/EC	L 277, 10.10.1997	The effective date	None
		98/39/EC	L 170, 16.06.1996	The effective date	None
75/322/EEC	Council Directive of May 20, 1975 on the approximation of the laws of the member states relating to the suppression of radio interference produced by spark-ignition engines fitted to wheeled agricultural or forestry tractors		L 147, 09.06.1975	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		97/54/EC	L 277, 10.10.1997	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
		2000/2/EC	L21, 26.01.2000	The effective date; except for Article 2.4 which will be adopted on 01.10.2008as required by the directive.	None
		2001/3/EC	L 28, 30.01.2001	The effective date	None
76/432/EEC	Council Directive of April 6, 1976 on the approximation of the laws of the member states relating to the braking devices of wheeled agricultural or forestry tractors		L 122, 08.05.1976	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		96/63/EC	L 253, 30.09.1996	The effective date	None
		97/54/EC	L 277, 10.10.1997	The effective date	None
71/320/EEC	Council Directive of July 26, 1971 on the approximation of the laws of the member states relating to the braking devices of certain categories of motor vehicles and of their trailers		L 202, 06.09.1971	With respect to these regulations - The effective date	
		74/132/EEC	L 74/78, 19.03.1974	With respect to these regulations - The effective date	With respect to these regulations - none
		75/524/EEC	L 263/3-4, 08.09.1975	With respect to these regulations - The effective date	With respect to these regulations - none

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
		79/489/EEC	L 128/12-13, 26.05.1979	With respect to these regulations - The effective date	With respect to these regulations - none
		85/647/EEC	L 380/1-2, 31.12.1985	With respect to these regulations - The effective date	With respect to these regulations - none
		88/194/EEC	L 92/47-49, 04.04.1988	With respect to these regulations - The effective date	With respect to these regulations - none
		91/422/EEC	L 233/21-29,22.08.1991	With respect to these regulations - The effective date	With respect to these regulations - none
		98/12/EC	L 81, 18.03.1998	With respect to these regulations - The effective date	With respect to these regulations - none
		2002/78/EC	L 267, 04.10.2002	With respect to these regulations - The effective date	With respect to these regulations - none
76/763/EEC	Council Directive of July 27, 1976 on the approximation of the laws of the member states relating to passenger seats for wheeled agricultural or forestry tractors		L 262, 27.09.1976	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		97/54/EEC	L 277, 10.10.1997	The effective date	None
		1999/86/EC	L 297, 18.11.1999	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
77/311/EEC	Council Directive of March 29, 1977 on the approximation of the laws of the member states relating to the driver-perceived noise level of wheeled agricultural or forestry tractors		L 105, 28.04.1977	The effective date	None
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		97/54/EC	L 277, 10.10.1997	The effective date	None
77/536/EEC	Council Directive of March 29, 1977 on the approximation of the laws of the member states relating to the driver-perceived noise level of wheeled agricultural or forestry tractors		L 220, 29.08.1977	The effective date	None
		87/354/EEC	L 192, 11.07.1987	The effective date	None
		89/680/EEC	L 398, 21.12.89	The effective date	None
		1999/55/EEC	L 146, 11.06.1999	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
78/764/EEC	Council Directive of July 25, 1978 on the approximation of the laws of the member states relating to the driver's seat on wheeled agricultural or forestry tractors		L 255, 18.09.1978	The effective date	
		82/890/EEC	L 378 31.12.1982	The effective date	None
		83/190/EEC	L 109 26.04.1983	The effective date	None
		87/354/EEC	L 192 11.07.1987	The effective date	None
		88/465/EEC	L 228 17.08.1988	The effective date	None
		97/54/EC	L 277 10.10.1997	The effective date	None
		1999/57/EC	L 148 15.06.1999	The effective date	None
78/933/EEC	Council Directive of July 25, 1978 on the approximation of the laws of the member states relating to the installation of lighting and light-signaling devices on wheeled agricultural or forestry tractors		L 325 20.11.1978	The effective date	None
		82/890/EEC	L 378 31.12.1982	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
		97/54/EC	L 277 10.10.1997	The effective date	None
		1999/56/EC	L 146 11.06.1999	The effective date	None
79/532/EEC	Council Directive of July 25, 1978 on the approximation of the laws of the member states relating to the installation of lighting and light-signaling devices on wheeled agricultural or forestry tractors		L 145 13.06.1979	The effective date	None
		82/890/EEC	L 378 31.12.1982	The effective date	None
		97/54/EC	L 277 10.10.1997	The effective date	None
79/532/EEC	Council Directive of July 25, 1978 on the approximation of the laws of the member states relating to the coupling device and the reverse of wheeled agricultural or forestry tractors		L 145 17.05.1979	The effective date	None
		82/890/EEC	L 378 31.12.1982	The effective date	None
		97/54/EC	L 277 10.10.1997	The effective date	None
		1999/58/EC	L 148 15.06.1999	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
79/622/EEC	Council Directive of June 25, 1979 on the approximation of the laws of the member states relating to the roll-over protection structures of wheeled agricultural or forestry tractors		L179 17.07.1979	The effective date	None
		82/953/EEC	L 386 31.12.1982	The effective date	None
		87/354/EEC	L 192 11.07.1987	The effective date	None
		88/413/EEC	L 200 26.07.1988	The effective date	None
		1999/40/EC	L 124 18.05.1999	The effective date	None
80/720/EEC	Council Directive of June 25, 1979 on the approximation of the laws of the member states relating to the operating space, access to the driving position and the doors and windows of wheeled agricultural or forestry tractors		L 194 28.07.1980	The effective date	none
		82/890/EEC	L 378 31.12.1982	The effective date	None
		88/414/EEC	L 200 26.07.1988	The effective date	None
		97/54/EC	L 277 10.10.1997	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
86/297/EEC	Council Directive of June 25, 1979 on the approximation of the laws of the member states relating to the power take-offs of wheeled agricultural or forestry tractors		L 186 08.07.1986	The effective date	None
		97/54/EC	L 277 10.10.1997	The effective date	None
86/298/EEC	Council Directive of May 25, 1986 on rear mounted roll-over protection structures of narrow-track wheeled agricultural or forestry tractors		L 186 08.07.1986	The effective date	None
		89/682/EEC	L 398 12.12.1989	The effective date	None
		2001/19/EC	L 94 14.04.2000	The effective date	None
		2005/67/EC	L 273 19.10.2005	From 1st January 2006	None
86/415/EEC	Council Directive of July 24, 1986 on the installation, location, operation and identification of the controls of wheeled agricultural or forestry tractors		L 240 24.07.1986	The effective date	none
		97/54/EC	L 240 24.07.1986	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
87/402/EEC	Council Directive of July 24, 1986 on roll-over protection structures mounted in front of the drivers seat on barrow-track wheeled agricultural or forestry tractors		L 220 08.08.1987		
		89/681/EEC	L 398 12.12.1989	The effective date	None
		2000/22/EC	L 107 04.05.2000	The effective date	None
		2005/67/EC	L 273 19.10.2005	From 1st January 2006	None
89/173/EEC	Council Directive of July 25, 1978 on the approximation of the laws of the member states relating to certain components and characteristics of wheeled agricultural or forestry tractors		L 67 10.05.1989	The effective date	None
		97/54/EEC	L 277 10.10.1997	The effective date	None
		2000/1/EC	L 21 26.01.2000	The effective date	None
92/22/EC	Council Directive of March 31, 1992 on safety glazing and glazing materials on motor		L 129 14.05.1992	With respect to these regulations - The effective date	With respect to these regulations - none

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference	Date of Adoption	National Requirements relevant to the particular Directive
	vehicles and their trailers				
		2001/92/EC	L 291 08.11.2001	With respect to these regulations - The effective date	With respect to these regulations - none
2000/25/EC	Council Directive of May 22, 2000 on action to be taken against the emission of gaseous and particulate pollutants by engines intended to power agricultural or forestry tractors.		L 173 12.07.2000	The effective date – with the following addition : Following Article 4 paragraph 5of directive 2000/25/EC as amended by 2005/13/EC the dates of Article 4 paragraph 3 shall be postponed by 2 years. The conditions in the Article 4 paragraph 5 still apply.	Following Article 4 paragraph 5 : Article 10 of Directive 97/68/EC, the Maltese legal tool for granting the exceptions is regulation 9 of L.N. 229 of 2001 (Measures against the Emission of Gaseous and Particulate Pollutants from internal Combustion engines (non-road mobile machinery) Regulations, 2001
		2005/13/EC	L 55 01.03.2005	From 1st January 2006 – see above	From 1st January 2006 - see above.
76/115/EEC	Council Directive of December 18, 1975 on the approximation of the laws of the Member States relating to anchorage for motor-vehicles safety belts.		L 24 30.01.1976	With respect to these regulations - The effective date	
		81/575/EEC	L 209 20.07.1981	With respect to these regulations - The effective date	With respect to these regulations – none
		82/318/EEC	L 139 19.05.1982	With respect to these regulations - The effective date	With respect to these regulations – none
		90/629/EEC	L 314 06.12.1990	With respect to these regulations - The effective date	With respect to these regulations – none
		96/38/EC	L 187 26.07.1996	With respect to these regulations - The effective date	With respect to these regulations – none

77/541/EEC	Council Directive of June 28, 1977 on the approximation of the laws of the member states relating to safety belts and restraints systems of motor vehicles.		L 220 29.08.1977	With respect to these regulations - The effective date	With respect to these regulations – none
		81/576/EEC	L 209 29.07.1981	With respect to these regulations - The effective date	With respect to these regulations – none
		82/319/EEC	L 139 19.05.1982	With respect to these regulations - The effective date	With respect to these regulations – none
		87/354/EEC	L 192 11.07.1987	With respect to these regulations - The effective date	With respect to these regulations – none
		90/628/EEC	L 341 06.12.1990	With respect to these regulations - The effective date	With respect to these regulations – none
		96/36/EC	L 178 17.07.1996	With respect to these regulations - The effective date	With respect to these regulations – none
		2000/3/EC	L 53 25.02.2000	With respect to these regulations - The effective date	With respect to these regulations – none
75/443/EEC	Council Directive of June 26, 1975 on the approximation of the laws of the member states relating to the reverse and speedometer equipment of motor vehicles		L 196 26.07.1975	With respect to these regulations - The effective date	With respect to these regulations – Following article 5 of the directive speedometer equipment shall be marked in either: a) Kilometers per hour only b) or kilometers per hour & miles per hour
		97/39/EC	L 177 05.07.1997	With respect to these regulations - The effective date	With respect to these regulations – none

91/226/EEC	Council Directive of March 27, 1991 on the approximation of the laws of the member states relating to the spray-suppression systems of certain categories of motor vehicles and their trailers		L 103 23.04.1991	With respect to these regulations - The effective date	With respect to these regulations – none
92/24/EEC	Council Directive of March 27, 1991 on the approximation of the laws of the member states relating to speed limitation devices or similar speed limitation on-board systems of certain categories of motor vehicles		L 129 14.05.1992	With respect to these regulations - The effective date	With respect to these regulations – none
89/297/EEC	Council Directive of April 13, 1989 on the approximation of the laws of the member states relating to the lateral protection (side guards) of certain motor vehicles and their trailers		L 124 05.05.1989	With respect to these regulations - The effective date	With respect to these regulations – none

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