

L.N. 136 of 2006**PRODUCT SAFETY ACT
(CAP. 427)****Two or Three Wheel Motor Vehicles (EC-Type Approval)
(Amendment) 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 Two or Three Wheel Motor Vehicles (EC-Type Approval) (Amendment) Regulations, 2006, and they shall be read and construed as one with the Two or Three Wheel Motor Vehicles (EC-Type Approval) Regulations, 2003, hereinafter referred to as “the principal regulations”.

Citation and
commencement.

L.N. 28 of 2003.

(2) These regulations implement the requirements of COMMISSION DIRECTIVE 2005/30/EC of 22 April 2005 amending, for the purposes of their adaptation to technical progress, Directives 97/24/EC and 2002/24/EC of the European Parliament and of the Council, relating to the type-approval of two or three-wheel motor vehicles.

(3) These regulations shall enter into force on 18th May, 2006.

2. Sub-regulation 5.1.2. of the principal regulations shall be substituted by the following:

Amends regulation
5 of the principal
regulations.

“5.1.2. Type-approval certificates of a vehicle, system, separate technical unit or component shall be numbered in accordance with the method described in Annex V, Part A, which is set out in Schedule V hereto.”

3. For Schedules I to IX of the principal regulations, there shall be substituted the following:–

Substitutes
Schedules to the
principal
regulations.

" Schedule I

(based on Annex I of the Directive 2002/24/EC)

LIST OF REQUIREMENTS FOR THE PURPOSE OF VEHICLE TYPE-APPROVAL

The vehicle components and characteristics on the exhaustive list below are followed by 'CONF' if their conformity with the manufacturer's data has to be checked or by 'SD' if their conformity with requirements laid down in Community legislation has to be checked.

(As appropriate, taking account of the scope and latest amendment to each of the separate Directives listed below)

Heading No	Subject	Term	Directive No. (if applicable)
1	Make	CONF	2002/24/EC
2	Type/variant/version	CONF	
3	Name and address of vehicle manufacturer	CONF	
4	Name and address of vehicle manufacturer's authorised representative, if any	CONF	
5	Category of vehicle (*)	CONF	
6	Number of wheels and their position in case of three-wheel vehicle	CONF	
7	Outline drawing of frame	CONF	
8	Name and address of engine manufacturer (if different from vehicle manufacturer)	CONF	
9	Make and description of engine	CONF	
10	Type of engine ignition	CONF	
11	Engine operating cycle (**)	CONF	
12	Type of engine cooling	CONF	
13	Type of engine lubrication (**)	CONF	
14	Number and configuration of cylinders or stators (in the of rotary-piston engine) in the engine (**)	CONF	
15	Bore, stroke, cylinder capacity or volume of combustion chambers (in the case of rotary-piston engine) in the engine (**)	CONF	
16	Full diagram of the engines induction system (**)	CONF	95/1/EC
17	Engine compression ratio (**)	CONF	
18	Maximum torque and maximum net power of engine, whether this is - of the spark-ignition or compression-ignition type, or - electric	SD CONF	
19	Anti-tampering measures for mopeds and motorcycles	SD	97/24/EC C7
20	Fuel tank (**)	SD	97/24/EC C6
21	Traction battery(ies)	CONF	

Heading No	Subject	Term	Directive No (if applicable)
22	Carburettor or other engine fuel supply system (type and	CONF	
23	Electric system (nominal voltage)	CONF	
24	Generator (type and maximum output) (**)	CONF	
25	Maximum design speed of the vehicle	SD	95/1/EC
26	Masses and dimension	SD	93/93/EEC
27	Coupling devices and their attachment	SD	97/24/EC C10
28	Anti-air pollution measures (**)	SD	97/24/EC C5
29	Tyres	SD	97/24/EC C1
30	Transmission	CONF	
31	Braking system	SD	93/14/EEG
32	Installation of lighting and light-signalling devices on the vehicle	SD	93/92/EEC
33	Lighting and light-signalling devices on the vehicle the mandatory or optional presence of which is laid down in the installation requirements under Heading No 32	SD	97/24/EC C2
34	Audible warning device	SD	93/30/EEC
35	Position for the mounting of rear registration plate	SD	93/94/EEC
36	Electromagnetic compatibility	SD	97/24/EC C8
37	Sound level and exhaust system (**)	SD	97/24/EC C9
38	Rear-view mirror(s)	SD	97/24/EC C4
39	External projections	SD	97/24/EC C3
40	Stand (except in case of vehicles having three or more wheels)	SD	93/31/EEC
41	Devices to prevent unauthorised use of the vehicle	SD	93/33/EEC
42	Windows; windscreen wipers; windscreen washers; devices for de icing and demisting for three-wheel mopeds, motor tricycles and quadricycles with bodywork	SD	97/24/EC C12
43	Passenger hand-hold for two-wheel vehicles	SD	93/32/EEC
44	Anchorage points for safety belts and safety belts for three-wheel mopeds, motor tricycles and quadricycles with bodywork	SD	97/24/EC C11
45	Speedometer	SD	2000/7/EC
46	Identification of controls, tell-tales and indicators	SD	93/29/EEC
47	Statutory inscriptions (content, location and method of affixing)	SD	93/34/EEC
<p>(*) In the case of twin-propulsion vehicles, if the two systems of propulsion are such that the vehicle falls within the definition either of a moped or of a motorcycle, motor tricycle or quadricycle, the latter definitions shall apply to it</p> <p>(**) Electrically-propelled vehicles are not subject to the requirements relating to this heading. This does not apply to twin-propulsion vehicles in which one of the systems of propulsion is electric and the other thermic.</p>			

Note: The separate Directives will lay down specific requirements for low-performance mopeds, i.e. mopeds with pedals, with an auxiliary engine power not exceeding 1 kW and a maximum design speed not exceeding 25 km/h. These specific characteristics will apply in particular to the components and characteristics covered by Heading Nos 18, 19, 29, 32, 33, 34, 41, 43 and 46 of this Annex.

SCHEDULE II
(based on Annex II of the Directive 2002/24/EC)

INFORMATION DOCUMENT ^(a)

(MODEL)

All information documents in this Directive and in separate Directives must consist only of extracts from and adhere to the numbering system of this total list.

PART 1

The following information on the vehicle to be type-approved and the systems, separate technical units or components to be type-approved must be supplied in triplicate and be accompanied by a list of contents. All drawings must be sufficiently detailed and presented on an appropriate scale on A4 format or be folded to that dimension. Photographs too must be sufficiently detailed. Where functions are controlled by microprocessors appropriate information concerning performance should be provided. The information document must have a reference number supplied by the applicant.

A. INFORMATION RELATING JOINTLY TO MOPEDS, MOTORCYCLES, MOTOR TRICYCLES AND QUADRICYCLES

0. GENERAL

- 0.1. Make:
- 0.2. Type (state any possible variants and versions: each variant and each version must be identified by a code consisting of numbers or a combination of letters and numbers):
- 0.2.1. Commercial name (where applicable):
- 0.3. Means of type identification if stated on vehicle ^(b):
- 0.3.1. Location of that means of identification:
- 0.4. Vehicle category ^(c):
- 0.5. Name and address of manufacturer:
- 0.5.1. Name(s) and address(es) of assembly plants:
- 0.6. Name and address of manufacturer's authorised representative, if any:
- 0.7. Location and method of affixing statutory inscriptions to the chassis:
- 0.7.1. The serial numbering of the type begins with No:
- 0.8. Position and method of affixing the component type-approval mark for components and separate technical units:

1. GENERAL ARRANGEMENT OF THE VEHICLE

- 1.1. Photos and/or drawings of a typical vehicle:
- 1.2. Dimensional drawing of the complete vehicle:
- 1.2.1. Wheelbase:
- 1.3. Number of axles and wheels (where appropriate, number of crawler tracks or belts):
- 1.4. Position and arrangement of engine:
- 1.5. Number of seating positions:
- 1.6. Hand of drive — left or right ⁽¹⁾
- 1.6.1. Vehicle is equipped to be driven in right hand or left-hand rule of the road traffic ⁽¹⁾:

2. MASSES (in kg) ⁽²⁾

- 2.0. Unladen mass ^{(d) (i)}:
- 2.1. Mass of vehicle in running order ⁽ⁱ⁾:
- 2.1.1. Distribution of that mass between the axles:
- 2.2. Mass of vehicle in running order ⁽ⁱ⁾, together with rider:
- 2.2.1. Distribution of that mass between the axles:
- 2.3. Maximum technically permissible mass declared by the manufacturer:
- 2.3.1. Division of that mass between the axles:
- 2.3.2. Maximum technically permissible mass on each of the axles:
- 2.4. Maximum hill-starting ability at the maximum technically permissible mass declared by the manufacturer:
- 2.5. Maximum towable mass (where applicable):
- 2.6. Maximum mass of the combination:

3. **ENGINE** ^(e)
 - 3.0. Manufacturer:
 - 3.1. Make:
 - 3.1.1. Type (stated on the engine, or other means of identification):
 - 3.1.2. Location of engine number (if applicable):
 - 3.2. Spark or compression-ignition engine ⁽¹⁾:
 - 3.2.1. Specific characteristics of the engine:
 - 3.2.1.1. Operating cycle (four or two stroke, spark or compression ignition) ⁽¹⁾:
 - 3.2.1.2. Number, arrangement and firing order of cylinders:!
 - 3.2.1.2.1. Bore:.....mm ^(f)
 - 3.2.1.2.2. Stroke:.....mm ^(f)
 - 3.2.1.3. Cylinder capacity:cm³ ^g
 - 3.2.1.4. Compression ratio: ⁽²⁾:
 - 3.2.1.5. Drawings of cylinder head, piston(s), piston rings and cylinder(s):
 - 3.2.1.6. Idling speed ⁽²⁾:..... min⁻¹
 - 3.2.1.7. Maximum net power output: kW atmin⁻¹
 - 3.2.1.8. Net maximum torque:.....Nm atmin⁻¹
 - 3.2.2. Fuel: diesel/petrol/mixture/LPG/other ⁽¹⁾
 - 3.2.3. Fuel tank
 - 3.2.3.1. Maximum capacity ⁽²⁾:
 - 3.2.3.2. Drawing of tank with indication of material used:
 - 3.2.3.3. Diagram clearly indicating the position of the tank on the vehicle:
 - 3.2.3.4. Approval number of the fuel tank fitted:

- 3.2 Fuel supply
- 3.2.4.1. Via carburettor(s): yes/no ⁽¹⁾
- 3.2.4.1.1. Make(s):
- 3.2.4.1.2. Type(s):
- 3.2.4.1.3. Number fitted:
- 3.2.4.1.4. Settings ⁽²⁾
i.e. of:
- 3.2.4.1.4.1. Diffusers:
- 3.2.4.1.4.2. Level in float chamber:
- 3.2.4.1.4.3. Mass of float:
- 3.2.4.1.4.4. Float needle: 1.
or
- 3.2.4.1.4.5. Fuel curve as a function of the air flow and setting required in order to maintain that curve:
- 3.2.4.1.5. Cold-starting system: manual/automatic ⁽¹⁾
- 3.2.4.1.5.1. Operating principle(s):
- 3.2.4.2. By fuel injection (solely in the case of compression ignition): yes/no ⁽¹⁾
- 3.2.4.2.1. Description of system:
- 3.2.4.2.2. Operating principle: direct/indirect/turbulence chamber injection ⁽¹⁾
- 3.2.4.2.3. Injection pump
either:
- 3.2.4.2.3.1. Make(s):
- 3.2.4.2.3.2. Type(s):
or
- 3.2.4.2.3.3. Maximum fuel flow rate ⁽²⁾ mm³ per stroke or cycle ⁽¹⁾ at a pump rotational speed of: min⁻¹ or characteristic diagram:
- 3.2.4.2.3.4. Injection advance ⁽²⁾:

- 3.2.4.2.3.5. Injection advance curve ⁽²⁾:
- 3.2.4.2.3.6. Calibration procedure: test bench/engine ⁽¹⁾
- 3.2.4.2.4. Regulator
 - 3.2.4.2.4.1. Type:
 - 3.2.4.2.4.2. Cut-off point
 - 3.2.4.2.4.2.1. Cut-off point under load: min⁻¹
 - 3.2.4.2.4.2.2. Cut-off point under no load: min⁻¹
 - 3.2.4.2.4.3. Idling speed: min⁻¹
- 3.2.4.2.5. Injection pipework
 - 3.2.4.2.5.1. Length:mm
 - 3.2.4.2.5.2. Internal diameter:mm
- 3.2.4.2.6. Injector(s)
 - either
 - 3.2.4.2.6.1. Make(s):
 - 3.2.4.2.6.2. Type(s):.....
 - or
 - 3.2.6.2.6.3. Opening pressure ⁽²⁾:kPa or characteristic diagram ⁽²⁾:
- 3.2.4.2.7. Cold starting system (if applicable)
 - either:
 - 3.2.4.2.7.1. Make(s):
 - 3.2.4.2.7.2. Type(s):.....
 - or
 - 3.2.4.2.7.3. Description:

- 3.2.4.2.8. Secondary starting device (if applicable)
either:
- 3.2.4.2.8.1. Make(s):
- 3.2.4.2.8.2. Type(s):
or
- 3.2.4.2.8.3. Description of system:
- 3.2.4.3. By fuel injection (solely in the case of spark-ignition): yes/no ⁽¹⁾
either:
- 3.2.4.3.1. Description of system:
- 3.2.4.3.2. Operating principle: injection into induction manifold (single/multiple point) ⁽¹⁾ direct injection/other (state which) ⁽¹⁾;
or
- 3.2.4.3.2.1. Make(s) of the injection pump:
- 3.2.4.3.2.2. Type(s) of the injection pump:
- 3.2.4.3.3. Injectors: opening pressure ⁽²⁾: kPa
or characteristic diagram ⁽²⁾:
- 3.2.4.3.4. Injection advance:
- 3.2.4.3.5. Cold starting system
- 3.2.4.3.5.1. Operating principle(s):
- 3.2.4.3.5.2. Operating/setting limits ⁽¹⁾ ⁽²⁾:
- 3.2.4.4. Fuel pump: yes/no ⁽¹⁾
- 3.2.5. Electrical equipment
- 3.2.5.1. Nominal voltage: V, positive/negative earth ⁽¹⁾
- 3.2.5.2. Generator
- 3.2.5.2.1. Type:
- 3.2.5.2.2. Nominal power: W

- 3.2.6 Ignition
 - 3.2.6.1. Make(s):
 - 3.2.6.2. Type(s):
 - 3.2.6.3. Operating principle:.....
 - 3.2.6.4. Ignition advance curve or operating set point ⁽²⁾:
 - 3.2.6.5. Static timing ⁽²⁾:..... before TDC
 - 3.2.6.6. Points gap ⁽²⁾:..... mm
 - 3.2.6.7. Dwell angle ⁽²⁾:..... degrees
 - 3.2.6.8. Anti-radio interference system:
 - 3.2.6.8.1. Terminology and drawing of anti-radio interference equipment:
 - 3.2.6.8.2. Indication of the nominal DC resistance value and, in the case of resistive ignition leads, statement of nominal resistance per metre:.....
- 3.2.7. Cooling system (liquid/air) ⁽¹⁾
 - 3.2.7.1. Nominal setting for the engine-temperature control device:
 - 3.2.7.2. Liquid
 - 3.2.7.2.1. Nature of liquid:
 - 3.2.7.2.2. Circulating pump(s): yes/no ⁽¹⁾
 - 3.2.7.3. Air
 - 3.2.7.3.1. Blower: yes/no ⁽¹⁾
- 3.2.8. Induction system
 - 3.2.8.1. Supercharging: yes/no ⁽¹⁾
 - 3.2.8.1.1. Make(s):
 - 3.2.8.1.2. Type(s):.....
 - 3.2.8.1.3. Description of system (example: maximum boost pressure..... kPa, waste gate (where appropriate))
 - 3.2.8.2. Intercooler: with/without ⁽¹⁾

- 3.2.8.3. Description and drawings of induction pipework and accessories (plenum chamber, heating device, additional air intakes, etc.):
- 3.2.8.3.1. Description of induction manifold (with drawings and/or photos):
- 3.2.8.3.2. Air filter, drawings:
or
- 3.2.8.3.2.1. Make(s):
- 3.2.8.3.2.2. Type(s):
- 3.2.8.3.3. Inlet silencer, drawings:
or
- 3.2.8.3.3.1. Make(s):
- 3.2.8.3.3.2. Type(s):
- 3.2.9. Exhaust system
- 3.2.9.1. Drawing of complete exhaust system:
- 3.2.10. Minimum cross-section of the inlet and exhaust ports:
- 3.2.11. Induction system or equivalent data
- 3.2.11.1. Maximum valve lift, opening and closing angles in relation to the dead centres, or data concerning the settings of other possible systems:
- 3.2.11.2. Reference and/or setting ranges ⁽¹⁾:

- 3.2.12. *Measures taken against pollution*
- 3.2.12.1. Device for recycling crankcase-gases, solely in the case of four-stroke engines (description and drawings):
- 3.2.12.2. Additional anti-pollution devices (if any, and if not covered by another heading):.....
- 3.2.12.2.1 Catalytic converter: yes / no ⁽¹⁾
- 3.2.12.2.1.1. Number of catalytic converters and elements:
- 3.2.12.2.1.2. Dimension, shape and volume of the catalytic converter(s)
- 3.2.12.2.1.3. Type of catalytic action:
- 3.2.12.2.1.4. Total charge of precious metal:
- 3.2.12.2.1.5. Relative concentration:
- 3.2.12.2.1.6. Substrate structure and material:.....
- 3.2.12.2.1.7. Cell density:
- 3.2.12.2.1.8. Type of casing of the catalytic converter(s):
- 3.2.12.2.1.9. Location of the catalytic converters (place of reference distance in the exhaust line):
- 3.2.12.2.2. Oxygen sensor :yes/no ⁽¹⁾
- 3.2.12.2.2.1. Type:
- 3.2.12.2.2.2. Location:
- 3.2.12.2.2.3. Control range:
- 3.2.12.2.3. Air injection: yes / no ⁽¹⁾
- 3.2.12.2.3.1. Type (pulse air, air pump, etc.):
- 3.2.12.2.4. Exhaust gas recirculation: yes / no ⁽¹⁾
- 3.2.12.2.4.1. Characteristics (flow rate etc.):
- 3.2.12.2.5. Other systems (description and operation):.....
- 3.2.13. Location of the coefficient of absorption symbol (compression-ignition engines only):

- 3.3. Electric traction motor
 - 3.3.1. Type (winding, excitation):
 - 3.3.1.1. Maximum continuous rated power ^(k):kW
 - 3.3.1.2. Operating voltage: V
 - 3.3.2. Battery
 - 3.3.2.1. Number of cells:.....
 - 3.3.2.2. Mass:..... kg
 - 3.3.2.3. Capacity: Ah (amp/hours)
 - 3.3.2.4. Location:
 - 3.4. Other motors or combinations of motors (specific information concerning the parts of those motors):
 - 3.5. Cooling system temperatures permitted by the manufacturer
 - 3.5.1. Liquid cooling
 - 3.5.1.1. Maximum temperature at outlet: ° C
 - 3.5.2. Air cooling
 - 3.5.2.1. Reference point:
 - 3.5.2.2. Maximum temperature at reference point: ° C
 - 3.6. Lubrication system
 - 3.6.1. Description of system:
 - 3.6.1.1. Location of oil reserve (if any):
 - 3.6.1.2. Feed system (pump/injection into induction system/mixed with the fuel, etc.) ⁽¹⁾:
 - 3.6.2. Lubricant mixed with the fuel
 - 3.6.2.1. Percentage:.....
 - 3.6.3. Oil cooler: yes/no ⁽¹⁾
 - 3.6.3.1. Drawing(s):.....
 - or
 - 3.6.3.1.1. Make(s):
 - 3.6.3.1.2. Type(s):

4. TRANSMISSION ^(h)

4.1. Diagram of transmission system:.....

4.2. Type (mechanical, hydraulic, electrical, etc.):.....

4.3. Clutch (type):.....

4.4. Gearbox

4.4.1. Type: automatic/manual ⁽¹⁾.....4.4.2. Method of selection: by hand/foot ⁽¹⁾

4.5. Gear ratios

N	R ₁	R ₂	R ₃	R _t
Minimum continuously variable transmission				
1				
2				
3				
...				
Maximum continuously variable transmission				
Reverse gear				
N = gear ratio R ₁ = primary ratio (ratio of engine speed to rotational speed of primary gearbox shaft) R ₂ = secondary ratio (ratio of rotational speed of primary shaft to rotational speed of secondary shaft in gearbox) R ₃ = final drive ratio (ratio of rotational speed of gearbox output shaft to rotational speed of driven wheels) R _t = overall ratio				

4.5.1. Brief description of the electrical and/or electronic components used in the transmission:

.....

4.6. Maximum speed of vehicle and gear in which it is reached (in km/h) ⁽ⁱ⁾.....

.....

- 4.7. Speedometer
- 4.7.1. Make(s):
- 4.7.2. Type(s):
- 4.7.3. Photographs and/or drawings of the complete system
- 4.7.4. Speed range displayed:
- 4.7.5. Tolerance of the measuring mechanism of the speedometer:
- 4.7.6. Technical constant of the speedometer:
- 4.7.7. Method of operation and description of the drive mechanism:
- 4.7.8. Overall transmission ratio of the drive mechanism:
- 5. **SUSPENSION**
- 5.1. Drawing of suspension arrangement:
- 5.1.1. Brief description of the electrical and/or electronic components used in the suspension:
- 5.2. Tyres (category, dimensions and maximum loading) and rims (standard type):
- 5.2.1. Nominal rolling circumference:
- 5.2.2. Tyre pressures recommended by the manufacturer: kPa
- 5.2.3. Tyre/wheel combinations:
- 5.2.4. Minimum-speed category symbol compatible with the theoretical maximum design speed of the vehicle:
- 5.2.5. Minimum load-capacity index with the maximum load on each tyre:
- 5.2.6. Categories of use compatible for the vehicle:
- 6. **STEERING**
- 6.1. Steering gear and control
- 6.1.1. Type of gear:
- 6.1.2. Brief description of the electrical and/or electronic components used in the steering system:

7. BRAKING

- 7.1. Diagram of braking devices:
- 7.2. Front and rear brakes, disc and/or drum ⁽¹⁾
- 7.2.1. Make(s):
- 7.2.2. Type(s):
- 7.3. Drawing of parts of the brake system
- 7.3.1. Shoes and/or pads ⁽¹⁾
- 7.3.2. Linings and/or pads (Indicate make, grade of material or identification mark) ⁽¹⁾:
.....
- 7.3.3. Brake levers and/or pedals ⁽¹⁾:
- 7.3.4. Hydraulic reservoirs (where applicable):
- 7.4. Other devices (where applicable): drawing and description:
- 7.5. Brief description of the electrical and/or electronic components used in the braking system:

8. LIGHTING AND LIGHT-SIGNALLING DEVICES

- 8.1. List of all devices (mentioning the number, make(s), model, component type-approval mark(s), the maximum intensity of the main-beam headlamps, colour, the corresponding tell-tale):
- 8.2. Diagram showing the location of the lighting and light-signalling devices:
- 8.3. Hazard warning lamps (where fitted):
- 8.4. Additional requirements relating to special vehicles:
- 8.5. Brief description of the electrical and/or electronic components used in the lighting system and in the light signalling system:

9. EQUIPMENT

- 9.1. Coupling devices (where applicable)
 - 9.1.1. Type: hook/ring/other ⁽¹⁾
 - 9.1.2. Photographs and/or drawings showing the position and construction of the coupling devices:
- 9.2. Arrangement and identification of controls, tell-tales and indicators:
 - 9.2.1. Photographs and/or drawings of the arrangement of the symbols, controls, tell-tales and indicators:
- 9.3. Statutory inscriptions
 - 9.3.1. Photographs and/or drawings showing the location of the statutory inscriptions and the chassis number:
 - 9.3.2. Photographs and/or drawings showing the official part of the inscription (with statement of dimensions):
 - 9.3.3. Photographs and/or drawings of the chassis number (with statement of dimensions):
- 9.4. Device(s) to protect against unauthorised use:
 - 9.4.1. Type of device(s):
 - 9.4.2. Summary description of device(s) used:
- 9.5. Audible warning device(s)
 - 9.5.1. Summary description of device(s) used and their purpose:
 - 9.5.2. Make(s):
 - 9.5.3. Type(s):
 - 9.5.4. Type-approval mark:
 - 9.5.5. Drawing(s) showing the location of the audible warning device(s) in relation to the structure of the vehicle:
 - 9.5.6. Details of the method of attachment, including the part of the vehicle structure to which the audible warning device(s) is (are) attached:
- 9.6. Location of rear registration plate (indicate variants where necessary; drawings may be used as appropriate):
 - 9.6.1. Inclination of plane in relation to the vertical:

- B. INFORMATION RELATING SOLELY TO TWO-WHEEL MOPEDS AND MOTORCYCLES**
- 1. EQUIPMENT**
- 1.1. Rear-view mirror(s) (please provide the following information for each rear-view mirror)
- 1.1.1. Make:
- 1.1.2. Component type-approval mark:
- 1.1.3. Variant:
- 1.1.4. Drawing(s) showing the location of the rear-view mirror(s) in relation to the structure of the vehicle:
- 1.1.5. Precise information concerning the type of attachment, including that part of the vehicle structure to which the rear-view mirror is attached:
- 1.2. Stand
- 1.2.1. Type: central and/or side ⁽¹⁾
- 1.2.2. Drawing showing the location of the stand(s) in relation to the structure of the vehicle:
- 1.3. Attachments for motorcycle sidecars (where applicable)
- 1.3.1. Photographs and/or drawings showing the location and the construction:
- 1.4. Hand-hold for a passenger
- 1.4.1. Type: strap and/or handle ⁽¹⁾
- 1.4.2. Photographs and/or drawings showing the location:
- 1.5. For mopeds fitted with pedals and, if Directive 97/24/EC, Chapter 3, Annex I, Point 3.5 applies, description of the measures taken in order to ensure safety:
- 1.6. Design and position of the label referred to in Directive 97/24/EC, Chapter 7:

C. INFORMATION RELATING SOLELY TO THREE-WHEEL MOPEDS, MOTOR TRICYCLES AND QUADRICYCLES

1. DIMENSIONS AND MASSES (in mm and kg) (where necessary, refer to drawings)

1.1. Dimensions to be complied with when building unbodied chassis

1.1.1. Length:

1.1.2. Width:

1.1.3. Unladen height:

1.1.4. Front overhang:

1.1.5. Rear overhang:

1.1.6. Limit position for centre of gravity of bodied vehicle:

1.2. Masses ^(d)

1.2.1. Maximum payload declared by manufacturer:

2. EQUIPMENT

2.1. Bodywork

2.1.1. Nature of bodywork:

2.1.2. General dimensional arrangement drawing of inside:

2.1.3. General dimensional arrangement drawing of outside:

2.1.4. Materials and methods of manufacture:

2.1.5. Passenger doors, locks and hinges:

2.1.6. Configuration, dimensions, direction and maximum opening angle of doors:

2.1.7. Drawing of locks and hinges and their location in the doors:

2.1.8. Technical description of locks and hinges:

2.2. Windscreen and other glazing

2.2.1. Windscreen

2.2.1.1. Materials used:

2.2.2. Other glazing

2.2.2.1. Materials used:

- 2.3. Windscreen wiper(s)
 - 2.3.1. Detailed technical description (with photographs or drawings):
- 2.4. Windscreen washer(s)
 - 2.4.1. Detailed technical description (with photographs or drawings):
- 2.5. Defrosting and demisting
 - 2.5.1. Detailed technical description (with photographs or drawings):
- 2.6. Rear-view mirror(s) (please give the following information for each rear-view mirror)
 - 2.6.1. Make:
 - 2.6.2. Type-approval mark:.....
 - 2.6.3. Variant:.....
 - 2.6.4. Drawing(s) showing the location of the rear-view mirror(s) in relation to the structure of the vehicle:
 - 2.6.5. Detailed information on the method of attachment, including that part of the structure of the vehicle to which the rear-view mirror is attached:.....
- 2.7. Seats
 - 2.7.1. Number:
 - 2.7.2. Location:
 - 2.7.3. Coordinates or drawing of the R Point ⁽ⁱ⁾
 - 2.7.3.1. Driving seat:
 - 2.7.3.2. Other seats:
 - 2.7.4. Intended seat-back inclination
 - 2.7.4.1. Driving seat:
 - 2.7.4.2. Other seats:.....
 - 2.7.5. Seat adjustment range, where appropriate
 - 2.7.5.1. Driving seat:
 - 2.7.5.2. Other seats:.....

- 2.8.. Passenger-compartment heating system (where applicable)
- 2.8.1. Summary description of type of vehicle in respect of the heating system if this uses heat from the liquid engine coolant:
- 2.8.2. Detailed description of the type of the vehicle in respect of the heating system if this uses the cooling air or exhaust gases as a heat source, including:
- 2.8.2.1. An overall drawing of the heating system giving its location on the vehicle (and the arrangement of the sound damping devices (including the position of the heat exchange points):
- 2.8.2.2. An overall drawing of the heat exchanger used in systems utilising the heat from the exhaust gases, or of the parts where that exchange takes place (in the case of heating systems using the heat provided by the engine cooling air):
- 2.8.2.3. A sectional drawing of the heat exchanger or parts where heat exchange takes place, together with a statement of the wall thickness, of the materials used and the characteristics of their surface:.....
- 2.8.2.4. Specifications regarding the method of manufacture and technical data relating to other major components of the heating system, such as the fan:.....
- 2.9. Safety belts
- 2.9.1. Number and location of safety belts, together with a reference to the seats where that type of equipment may be installed:.....

	D/P	Complete type-approval mark	Variant (if any)
Front seats			
Rear seats			
Centre rear and centre front seats			
Special devices (example: seat height adjustment, preloading device, etc.)			

D = driver's side.

P = front passenger side.

2.10. Anchorages

2.10.1. Number and location of the anchorages:

2.10.2. Photographs and/or drawings of the bodywork showing the true, effective location and dimensions of the anchorages, together with an indication of the R-Point position:

2.10.3. Drawings of the anchorages and the parts of the structure of the vehicle to which they are attached (together with a statement of the nature of the materials used):

2.10.4. Designation of the types of belts (*), authorised for attachment to the anchorages on the vehicle:

			Location of anchorages	
			Structure of vehicles	Structure of seat
Front right-hand seat	<div> <div>lower anchorage</div> <div>upper anchorage</div> </div>	<div>outside</div> <div>inside</div>		
central seat	<div> <div>lower anchorage</div> <div>upper anchorage</div> </div>	<div>outside</div> <div>inside</div>		
left-hand seat	<div> <div>lower anchorage</div> <div>upper anchorage</div> </div>	<div>outside</div> <div>inside</div>		
Rear right-hand seat	<div> <div>lower anchorage</div> <div>upper anchorage</div> </div>	<div>outside</div> <div>inside</div>		
central seat	<div> <div>lower anchorage</div> <div>upper anchorage</div> </div>	<div>outside</div> <div>inside</div>		
left-hand seat	<div> <div>lower anchorage</div> <div>upper anchorage</div> </div>	<div>outside</div> <div>inside</div>		
(*)	<p>'A' for a three-point belt. 'B' for a lap belt. 'S' for special types of belt (in this case provide specific information on the nature of these types under observation). 'Ar', 'Br' or 'Sr' for a belt incorporating an inertia reel. 'Are', 'Bre' or 'Sre' for a belt equipped with an inertia reel and an energy-absorption device on at least one anchorage</p>			

2.10.5 Description of a specific type of belt, one anchorage of which is attached to the seat back-rest or incorporates an energy-dissipation device:

Footnotes

- (1) Delete where inappropriate.
- (2) State tolerance(s).
- (a) Where a device has been component type-approved, the description may be replaced by a reference to that component type-approval. Likewise, no description is needed where a component's structure is clear from the diagrams or drawings attached to the certificate. State the numbers of the corresponding Annexes to each heading where photographs and drawings must be attached.
- (b) Where used, means of identification may appear only on vehicles, separate technical units or components falling within the scope of the separate Directive governing components type-approval.
Where the method of type identification includes characters which do not relate to the description of the types of vehicle/separate technical unit/component referred to in this information document, those characters are replaced in the documentation, by the sign '?' (example: ABC??123??).
- (c) Classification in accordance with the following categories as referred to in Article 1:
- two-wheel moped (L1e),
 - three-wheel moped (L2e),
 - motorcycle (L3e),
 - motorcycle with sidecar (L4e),
 - motor tricycle (L5e),
 - light quadricycles (L6e),
 - quadricycles other than light quadricycles as referred to in Article 1, Paragraph 3b (L7e).
1. Unladen mass: mass of vehicle ready for normal use and equipped as follows:
- additional equipment required solely for the normal use under consideration,
 - complete electrical equipment, including the lighting and light-signalling devices supplied by the manufacturer,
 - instruments and devices required by the laws under which the unladen mass of the vehicle has been measured,
 - the appropriate amounts of liquids in order to ensure the proper operation of all parts of the vehicle.
- NB: the fuel and the fuel/oil mixture are not included in the measurement, but components such as the battery acid, the hydraulic fluid, the coolant and the engine oil must be included.
2. Mass in running order: unladen mass to which the mass of the following components is added:
- fuel: tank filled to at least 90% of the capacity stated by the manufacturer,
 - additional equipment normally supplied by the manufacturer in addition to that need for normal operation (tool kit, luggage carrier, windscreen, protective equipment, etc.).
- NB: in the case of a vehicle operating with a fuel/oil mixture:
- (a) when the fuel and oil are pre-mixed the word 'fuel' must be interpreted as meaning a pre-mixture of fuel and oil of this type;
 - (b) when the fuel and oil are put in separately the word 'fuel' must be interpreted as meaning only the petrol. In this case, the oil is already included in the measurement of the unladen mass.
3. Technically permissible maximum mass: mass calculated by the manufacturer for specific operating conditions, taking account of factors such as the strength of the materials, loading capacity of the tyres, etc.
4. Maximum payload declared by the manufacturer: load obtained by subtracting the mass defined in Section 2, with rider, from the mass defined in Section 3.
5. The mass of the rider is taken to be a round figure of 75 kg.
- (e) Where unconventional engines and systems are fitted, information equivalent to that referred under this heading must be supplied by their manufacturer.
- (f) This figure should be to the nearest tenth of a millimetre.
- (g) This value should be calculated with $n = 3,1416$ to the nearest cm^3 .
- (h) The information requested should be supplied for a possible variant.
- (i) A tolerance of 5% is permitted provided that the limit values pursuant to Article 1 (3) are not exceeded.
- (j) The 'R Point' or 'seat reference point' means the reference point indicated by the manufacturer, which:
- has specific coordinates in relation to the structure of the vehicle,
 - corresponds to the theoretical position of the point of rotation of the trunk/thighs (H Point) for the lowest normal driving or use position and the rearmost position stated by the manufacturer of the vehicle for each of the seats provided,
 - may be taken as a reference by the competent authorities, where they so wish, for each of the seats other than the front seats where the 'H Point' cannot be determined by means of the 'tri-dimensional reference system'¹ or the procedures for determination of the 'H Point'.
- (k) Pending the adaptation of the relevant Directive, this figure shall be stated in accordance with the International Standard CEI/IEC 60034-1 (10.2, 1999-08).

PART 2

SEPARATE DIRECTIVE APPROVAL NUMBERS

The following information shall be supplied on the vehicle to be type-approved with regard to existing system, separate technical unit or component approvals (*) :

Heading No	Separate Directive No	Subject	Approval No ⁽¹⁾	Extension date	Variants and versions covered
18	95/1/EC	Maximum torque and maximum net power of engine			
19	97/24/EC (C7)	Anti-tampering measures for mopeds and motorcycles			
20	97/24/EC (C6)	Fuel tank			
25	95/1/EC	Maximum design speed of vehicle			
26	93/93/EEC	Masses and dimensions			
27	97/24/EC (C10)	Trailer coupling devices			
28	97/24/EC (C5)	Anti-air pollution measures			
29	97/24/EC (C1)	Tyres			
31	93/14/EEC	Braking system			
32	93/92/EEC	Installation of lighting and light-signalling devices on the vehicle			
33	97/24/EC (C2)	Lighting and light signalling devices			
34	93/30/EEC	Audible warning device			
35	93/94/EEC	Position for the mounting of rear registration plate			
36	97/24/EC (C8)	Electromagnetic compatibility			
37	97/24/EC (C9)	Sound level and exhaust system			
38	97/24/EC (C4)	Rear-view mirror(s)			
39	97/24/EC (C3)	External projections			
40	93/31/EEC	Stand (except in the case of vehicles having three or more wheels)			
41	93/33/EEC	Devices to prevent unauthorised use of the vehicle			
⁽¹⁾ Examples are given in Annex V. Note: The heading numbers are aligned with Annex I (list of requirements).					

(*) Information is not required in respect of systems, separate technical units or components which are to be included in the examination or testing for the granting of whole vehicle type approval

PART 2

SEPARATE DIRECTIVE APPROVAL NUMBERS (Cont'd)

Heading No	Separate Directive No	Subject	Approval No ⁽¹⁾	Extension date	Variants and versions covered
42	97/24/EC(C12)	Windows; windscreen wipers; windscreen washers, and so on			
43	93/32/EEC	Passenger hand-hold for two-wheel vehicles			
44	97/24/EC (C11)	Anchorage points for safety belts and safety belts			
45	2000/7/EC	Speedometer			
46	93/29/EEC	Identification of controls, tell-tales and indicators			
47	93/34/EEC	Statutory inscriptions			
⁽¹⁾ Examples are given in Annex V. Note: The heading numbers are aligned with Annex I (list of requirements).					

SCHEDULE III
(based on Annex III of the Directive 2002/24/EC)

(MODEL)

(maximum format: A4 (210 x 297 mm))

EC TYPE-APPROVAL CERTIFICATE

Stamp of administration

Communication concerning:

- type-approval ⁽¹⁾
- extension of type-approval I ⁽¹⁾,
- refusal of type-approval ⁽¹⁾,
- withdrawal of type-approval ⁽¹⁾,

of a type of vehicle with regard to Directive 2002/24/EC

Type-approval number:

Reason for extension:

0. GENERAL

- 0.1. Make(s) (trade name of the manufacturer):
- 0.2. Type:
- 0.2.1. Commercial name(s):
- 0.3. Means of identification of type, if marked on the vehicle:
- 0.3.1. Location of that marking:
- 0.4. Category ⁽²⁾:
- 0.5. Name and address of the vehicle manufacturer:

(1) Delete where not applicable.

(2) According to the classification introduced in Article 1.

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

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle type described above, for which one or several representative samples, selected by the component approval authorities, has (have) been submitted as prototype(s) of the vehicle type and that the attached test results are applicable to the vehicle type.

The vehicle type meets/does not meet ⁽¹⁾ the technical requirements of all relevant separate Directives (as last amended) listed in the table of Annex I to Directive 2002/24/EC.

The approval is granted/refused/withdrawn ⁽¹⁾.

.....
(Place)

.....
(Signature)

.....
(Date)

Attachments: Information document, Parts 1 and 2 (Annex II)

Test results (Annex VII)

Name(s) and specimen(s) of the signature of the persons authorised to sign the certificates of conformity and a statement of their position in the company

A model certificate of conformity

(1) Delete where not applicable.

SCHEDULE IV
(based on Annex IV of the Directive 2002/24/EC)

CERTIFICATES OF CONFORMITY

A. CERTIFICATE OF CONFORMITY ACCOMPANYING EACH VEHICLE IN THE SERIES OF THE TYPE WHICH HAS BEEN APPROVED

(MODEL)

(maximum format: A4 210 x 297 mm or folded to A4 format)

EC CERTIFICATE OF CONFORMITY

Side 1

The undersigned:

(full name)

hereby certifies that the following vehicle:

0.1. Make:

(trade name of manufacturer)

0.2. Type:

Variant ⁽¹⁾:

Version ⁽¹⁾:

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

0.4. Vehicle category ⁽²⁾:

0.4.1. Vehicle category according to Directive 97/24/EC, Chapter 7 (if applicable): A/B/C/D ⁽³⁾

0.5. Name and address of the manufacturer:

0.6. Location of the statutory plate ⁽⁴⁾:

Vehicle identification number:

0.7. Location of the vehicle identification number on the chassis ⁽⁴⁾:

conforms in all respects to the type described in EC type-approval

— EC type-approval number:

— dated:

The vehicle can be permanently registered without requiring any further approvals, for driving on the right/left ⁽³⁾ and for using metric/imperial ⁽³⁾ units for the speedometer.

(place)

(date)

(signature)

(position)

Side 2

Additional Information

1. Number of axles:and wheels:
3. Wheel base:mm
- 6.1. Length:mm
- 7.1. Width:mm
8. Height:mm
- 12.1. Mass of the vehicle (with bodywork) in running order:kg
- 12.2. Unladen mass of the vehicle: <kg
- 14.1. Technically permissible maximum laden mass:kg
- 14.2. Distribution of this mass among the axles:
 1. kg
 2. kg
- 14.3. Technically permissible mass on each axle:
 1. kg
 2. kg
17. Maximum mass of trailer:
(braked):kg: (unladen):kg
- 19.1. Maximum vertical load at the coupling point for a trailer:kg
20. Engine manufacturer:
21. Engine type as marked on the engine:
- 21.2. Engine number:
22. Working principle: electric/spark ignition/compression ignition, four/two stroke ⁽³⁾
23. Number and arrangement of cylinders: ⁽⁴⁾
24. Cylinder capacity:cm³
25. Fuel: ⁽⁶⁾
26. Maximum net power or maximum continuous rated power as applicable
..... kW atmin⁻¹
- 26.1. Ratio: maximum net power or maximum continuous rated power/mass of the vehicle in running order (kW/kg)

28. Gearbox (type):⁽⁷⁾
29. Gear ratios: 1 2 3 4 5 6
32. Tyre size designation:
 Axle 1: Axle 2:
37. Body: yes/no⁽³⁾
41. Number and configuration of doors^{(8) (9)}:
- 42.1. Number and position of seats⁽¹⁰⁾
- 43.1. Approval mark of coupling device, if fitted:
44. Maximum speed: km/h
45. Sound level⁽¹¹⁾:
 Stationary: dB(A) at engine speed: min⁻¹
 Drive-by: dB(A)
46. Exhaust emissions⁽¹¹⁾:
 Type I test CO: g/km, HC: g/km, NO_x: g/km HC + NO_x: g/km
 Type II test: for mopeds: CO: g/min, HC: g/min
 for motorcycles and tricycles: CO: % vol
- Visible air pollution caused by an engine with compression ignition:
 — corrected value of absorption coefficient: m⁻¹
47. Fiscal power or national code number(s):
 Italy: France: Spain:
 Belgium: Germany: Luxembourg:
 Denmark: Netherlands: Greece:
 United Kingdom: Ireland: Portugal:
 Austria: Sweden: Finland:
50. Remarks:
51. Exemptions:

Footnotes

- (1) Indicates also the numerical or combined number/letter identification code. This code shall contain more than 25 or 35 positions for a variant or version respectively.
- (2) Classification in accordance with categories in Annex II of Footnote c
- (3) Delete where applicable.
- (4) Indicate the location by the following codes:
 R: right side of the vehicle,
 C: centre of the vehicle,
 L: left side of the vehicle,
 x: horizontal distance (in mm) from the frontmost axle (preceded by '—' if in front of the front axle),
 y: horizontal distance (in mm) from the longitudinal centre line of the vehicle,
 z: distance (in mm) from the ground,
 (r/o): parts need to be removed or opened to access to the marking. Example for a VIN plate fitted on the right side of a motorcycle headpipe, 500 mm behind the front axle, 30 mm from the centre-line and 1100 mm high:
 R,x500,y30,z1100
 Example for a VIN plate fitted to a quadricycle, on the right side of the vehicle, 100 mm in front of the front axle, 950 mm from the longitudinal centre line of the vehicle and 700 mm high, under the bonnet: R,x-100,y950,z700(r/o).
- (5) Indicate the arrangement of the cylinders by the following codes:
 LI: in line,
 V: in V,
 O: opposed-cylinder engine,
 S: single cylinder engine.
- (6) Indicate fuel type by the following codes:
 P: petrol,
 D: diesel,
 M: mixture
 LPG: liquid petroleum gas,
 O: other.
- (7) M: manual,
 A: automatic.
- (8) For vehicles with a body.
- (9) Indicate the configuration by the following codes:
 R: right side of the vehicle,
 L: left side of the vehicle,
 F: front side of the vehicle,
 RE: rear side of the vehicle.
 Example for a vehicle with two left side doors and one right door:
 2 L, 1 R.
- (10) Indicate the position by the following codes:
 r_n: row number,
 R: right side of the vehicle,
 C: centre of the vehicle,
 L: left side of the vehicle.
 Example for a vehicle with a first row with two front seating positions, one right, one left and a second row with three rear seating positions, 1 right, 1 centre, 1 left.
 r:1 R, 1 L r₂:1 R, 1 C, 1 L
- (11) Number of the base Directive and latest amending Directive applicable to the approval. In the case of a Directive with two or more implementation stages, indicate also the implementation stage.

B. CERTIFICATE OF CONFORMITY ACCOMPANYING EACH SEPARATE TECHNICAL UNIT OR COMPONENT NOT FITTED AS ORIGINAL EQUIPMENT TO THE TYPE SERIES OF THE TYPE WHICH HAS BEEN TYPE-APPROVED

(MODEL)

I, the undersigned:

(surname and first name)

hereby certifies that the (separate technical unit or component)

1. Make:

2. Type:

3. Number in type series:

conforms to the type which was approved at:

(date) by: 1

described in component type-approval certificate No.:

and in information document No.:

Done at (date).....

.....
(signature)

.....
(position held)

SCHEDULE V
(based on Annex V of the Directive 2002/24/EC)

NUMBERING AND MARKING

A. TYPE-APPROVAL CERTIFICATE NUMBERING SYSTEM

(Article 5(3))

1. The type-approval number shall consist of
 - four sections for vehicle type-approvals and
 - five sections for system, component, and separate technical unit approvals, as detailed below. In all cases, the sections shall be separated by the '('*' character.

Section 1:

- 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;
- 49 for Cyprus
- 50 for Malta

Section 2: the number of the base Directive.

Section 3: the number of the latest amending Directive applicable to the type-approval.

In the case of vehicle type-approvals, this means the latest Directive amending an Article (or Articles) of this Directive.

In the case of system, component and separate technical unit type-approvals, this means the latest separate Directive containing the actual provisions with which the system, component or technical unit conforms.

However, if a base Directive has not been amended, its number is retaken in Section 3.

Should a Directive contain different implementation dates referring to different technical standards, an alphabetical character shall be added to specify to which standard the approval was granted.

Where system, component or separate technical unit type-approvals are possible according to chapters or sections of the same separate Directive, the number of the separate Directive shall be followed by the number of the Chapter 1 ⁽¹⁾, Annex ⁽²⁾ and Appendix ⁽³⁾ in order to indicate the subject of the type-approval. In all cases, these numbers shall be separated by the '/' character

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

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

(1) In Arabic characters.
 (2) In Roman characters.
 (3) In Arabic characters and capital letters where applicable.

2. In the case of EC type-approval for a whole vehicle, Section 2 shall be omitted.
3. On the vehicle's statutory plate only, Section 5 shall be omitted.
4. Example of the, second type-approval granted by the Netherlands according to Directive 97/24/EC, Chapter 5, Annex II:

e4*97/24*97/24/5/II*0002*00

5. Example of the third type-approval (Extension 1) granted by Italy according to Directive 95/1/EC, Annex I:

e3*95/1*95/1/1*0003*01

6. Example of the ninth type-approval (Extension 4) granted by the United Kingdom according to Directive 93/29/EEC as amended by Directive 2000/74/EC:

e11 *93/29*2000/74*0009*04

7. Example of the fourth vehicle type-approval (Extension 2) granted by Germany according to Directive 92/61/EEC:

e1*92/61*0004*02

8. Example of the vehicle type-approval number stamped on the vehicle's statutory plate:

e1*92/61*0004

B. TYPE-APPROVAL MARK

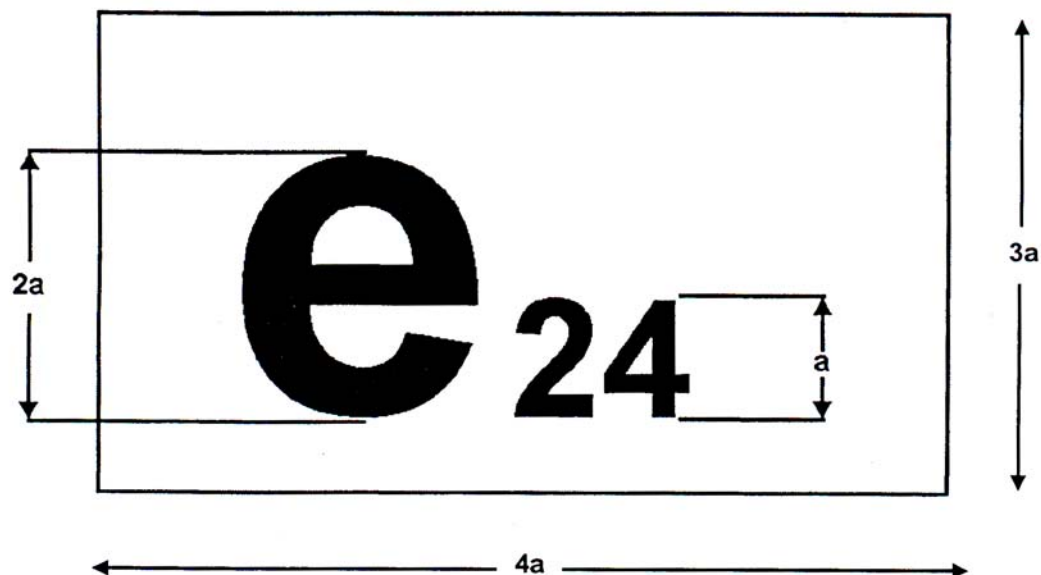
1. The type-approval mark of a component or separate technical unit consists of:
 - 1.1. a rectangle surrounding a lower case Letter 'e', followed by the distinguishing number of the Member State which has issued type-approval, i.e.:

--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;
--49	for Cyprus
--50	for Malta

- 1.2. The four-digit number from Section 4 of the type-approval number, as given on the type-approval form completed for the separate technical unit or component concerned. The number is entered below and close to the rectangle referred to in Point 1.1. The figures making up the number are entered on the same side of the Letter 'e' and face the same direction. In order to avoid any confusion with other symbols, Roman numerals must not be used in the type-approval number.
2. The type-approval mark is affixed to the separate technical unit or component in such a way as to be indelible and clearly legible, even when the separate technical unit or component is fitted to the vehicle.
3. An example of a type-approval mark is contained in the Appendix to this Annex.

APPENDIX

EXAMPLE OF A TYPE-APPROVAL MARK



0676

The number '0676' is shown with a vertical dimension line to its right indicating a height of $2a$.

Legend: The above type-approval of a component or a separate technical unit was issued by Ireland (e 24) under No 0676.

SCHEDULE VI
(based on Annex VI of the Directive 2002/24/EC)

PROVISIONS RELATING TO CHECKING THE CONFORMITY OF PRODUCTION

1. In order to check that vehicles, systems, separate technical units and components are produced in such a way as to conform to the type which has been type-approved, the following provisions apply.
 - 1.1. The holder of the type-approval certificate is obliged to:
 - 1.1.1. ensure that there are procedures for the effective monitoring of product quality;
 - 1.1.2. have access to the monitoring equipment necessary for checking the conformity of each type of vehicle or each type of system, separate technical unit or component which has been type-approved;
 - 1.1.3. ensure that the data concerning test results are recorded and the attached documents are kept for a period of 12 months after the cessation of production;
 - 1.1.4. analyse the results of each type of test in order to monitor and ensure the consistency of the characteristics of the product, with due regard for the variations permissible within industrial manufacture;
 - 1.1.5. take steps to ensure that the tests prescribed in the relevant separate Directive are performed for each type of product;
 - 1.1.6. take steps to ensure that any taking of samples or test-pieces which give evidence of non-conformity for the type of test under consideration is followed by a fresh taking of samples and a new test. All necessary measures must be taken to re-establish the conformity of the corresponding production.
 - 1.2. The competent authorities, which have issued the type-approval certificate, may check at any time the methods used for checking conformity in each production unit.
 - 1.2.1. At the time of each inspection the test and production records must be conveyed to the inspector.
 - 1.2.2. The inspector may select at random samples to be tested in the manufacturer's laboratory. The minimum number of samples may be determined in accordance with the results of the manufacturer's own checks.
 - 1.2.3. Where the quality level appears unsatisfactory or where it seems necessary to check the validity of tests performed in accordance with 1.2.2, the inspector must take samples which will be sent to the technical body which has performed the tests for type-approval.
 - 1.2.4. The competent authorities may perform all the tests prescribed in the separate Directive(s) applying to the product(s) concerned.
 - 1.2.5. The competent authorities must authorise one inspection per year. If a different number of inspections is necessary, it will be specified in each of the separate Directives. If negative results are noted during an inspection, the competent authority must ensure that all necessary measures are taken to re-establish conformity of production as soon as possible.

SCHEDULE VII
(based on Annex VII of the Directive 2002/24/EC)

TEST RESULTS

(Sub- regulation 5.1 based on Article 5(1), First sub-paragraph)

This sheet must be completed by the approval authority
and be attached to the vehicle type-approval certificate

In each case, the information must make clear to which variant and version it is applicable.

One version may not have more than one result.

1. RESULTS OF THE SOUND LEVEL TESTS

Number of the base Directive and latest amending Directive applicable to the approval. In the case of a Directive with two or more implementation stages, indicate also the implementation stage:

Variant/version			
Moving dB(A)			
Stationary dB(A)			
at (min ⁻¹)			

2. RESULTS OF THE EXHAUST EMISSION TESTS

Number of the base Directive and latest amending Directive applicable to the approval. In the case of a Directive with two or more implementation stages, indicate also the implementation stage:

Variant/version			
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2.1. Type I

CO (g/km)			
HC(g/km) ⁽²⁾			
NOx(g/km) ⁽²⁾			
HC + NOx (g/km) ⁽¹⁾			

(1) Only for mopeds and for light quadricycles as defined in Article 1, Paragraph 3(a).

(2) Only for motorcycles and motor tricycles and for quadricycles as defined in Article 1, Paragraph 3(b)

2.2. Type II

CO (g/min) ⁽¹⁾			
HC (g/min) ⁽¹⁾			
CO (%vol) at normal idle speed ⁽²⁾			
Specify the idle speed ^{(2) (3)}			
CO (%vol) at high idle speed ⁽²⁾			
Specify the idle speed ^{(2) (3)}			
Engine oil temperature ^{(2) (4)}			

3. COMPRESSION IGNITION ENGINE

Variant / version

Corrected values of absorption
coefficient (m⁻¹)

-
- (1) Only for moped and for light quadricycles as defined in Article 1, paragraph 3(a).
 (2) Only for motorcycles and motor tricycles and for quadricycles as defined in Article 1, Paragraph 3(b).
 (3) Mention the measurement tolerance.
 (4) Applicable for four stroke engines only.

SCHEDULE VIII

(based on Annex VIII of the Directive 2002/24/EC)

END-OF-SERIES VEHICLES

(Sub regulations 8.4 and 8.5 based on Articles 16(1) and (2))

The maximum number of vehicles put into service in each Member State under the procedure laid down in Article 16(2) shall be restricted in one of the following ways to be chosen by the Member State:

either

- (a) the maximum number of vehicles of one or more types may not exceed 10% of the vehicles of all types concerned put into service in that Member State during the previous year. Should 10% be less than 100 vehicles, then the Member State may allow the putting into service of a maximum of 100 vehicles, or
- (b) the number of vehicles of any one type shall be restricted to those for which a valid certificate of conformity was issued on or after the date of manufacture and which remained valid for at least three months after its date of issue but subsequently lost its validity because of coming into force of a separate Directive.

A special entry shall be made on the certificate of conformity of the vehicles put into service under this procedure.

SCHEDULE IX

Directives on Two or Three-Wheel Motor Vehicles

Nr	Reference	Title
00	92/61/EEC	Type-approval of two or three-wheel motor vehicles
01	93/14/EEC	Braking of two or three-wheel motor vehicles
02	93/29/EEC	Identification of controls, telltales and indicators for two or three-wheel motor vehicles
03	93/30/EEC	Audible warning device for two or three-wheel motor vehicles
04	93/31/EEC	Stands for two-wheel motor vehicles
05	93/32/EEC	Passenger hand-holds of two-wheel motor vehicles
06	93/33/EEC	Protective devices intended to prevent the unauthorized use of two or three-wheel motor vehicles
07	93/34/EEC	Statutory markings for two or three-wheel motor vehicles
08	93/92/EEC	Installation of lighting and light signalling devices on two or three-wheel motor vehicles
09	93/93/EEC	Masses and dimensions of two or three-wheel motor vehicles
10	93/94/EEC	Space for mounting the rear registration plate of two or three-wheel motor vehicles
11	95/1/EC	Maximum design speed, maximum torque and maximum net engine power of two or three-wheel motor vehicles
12	97/24/EC	Certain components or characteristics of two or three-wheel motor vehicles
	1999/23/EC	Adaptation of directive 93/33/EC
	1999/24/EC	Adaptation of directive 93/32/EC
	1999/25/EC	Adaptation of directive 93/34/EC
	1999/26/EC	Adaptation of directive 93/94/EC
13.	2000/7/EC	Speedometers and amendment of Directive 92/61/EEC
	2000/72/EC	Adaptation of directive 93/31/EC
	2000/73/EC	Adaptation of directive 93/92/EC
	2000/74/EC	Adaptation of directive 93/29/EC
	2002/41/EC	Adaptation of Directive 95/1/EC

Nr	Reference	Title
	2002/51/EC	Amendment of Directive 97/24/EC
	2003/77/EC	Amendment of Directives 97/24/EC and 2002/24/EC
	2004/86/EC	Amendment of Directive 93/93/EC
	2005/30/EC	Amendment of Directives 97/24/EC and 2002/24/EC

