



CERTIFICATO DI ACCREDITAMENTO

Accreditation Certificate

ACCREDITAMENTO N. **0078ISP REV. 000**
ACCREDITATION N.

EMESSO DA **DIPARTIMENTO CERTIFICAZIONE E ISPEZIONE**
ISSUED BY

SI DICHIARA CHE
WE DECLARE THAT **ECO European Certifying
Organization S.p.A.**

SEDE PRINCIPALE/HEADQUARTER:
▪ Via Mengolina, 33 int. 5 48018 - Faenza (RA) - Italia

È CONFORME AI REQUISITI
DELLA NORMA **UNI CEI EN ISO/IEC 17020:2012**

MEETS THE REQUIREMENTS
OF THE STANDARD **ISO/IEC 17020:2012**

QUALE ORGANISMO DI **Ispezione**
AS BODY FOR THE *(così come dettagliato negli Allegati al presente Certificato)*
Inspection
(as stated in the Annexes to this Certificate)

Data di 1^a emissione
1st issue date
25-10-2012

Data di revisione
Review date
01-01-2023

L'accreditamento attesta la competenza, l'imparzialità e il costante e coerente funzionamento dell'Organismo relativamente al campo di accreditamento riportato negli allegati al presente certificato di accreditamento.

Il presente Certificato non è da ritenersi valido se non accompagnato dai relativi Allegati e può essere sospeso, revocato o ridotto in qualsiasi momento nel caso di inadempienza accertata da parte di ACCREDIA.

La validità dell'accreditamento può essere verificata sul sito WEB (www.accredia.it) o richiesta direttamente al Dipartimento di competenza. Il QRcode consente di accedere direttamente al sito www.accredia.it per verificare la validità del certificato di accreditamento rilasciato al CAB.

La data di revisione riportata sul certificato corrisponde alla data di delibera del pertinente Comitato Settoriale di Accreditamento. L'atto di delibera, firmato dal Presidente di ACCREDIA, è scaricabile dal sito www.accredia.it, sezione 'Documenti'. ACCREDIA è l'Ente Unico nazionale di accreditamento designato dal governo italiano, in applicazione del Regolamento Europeo 765/2008.

The accreditation attests competence, impartiality and consistent operation in performing conformity assessment activities, limited to the scope detailed in the attached annex(es).

This Certificate is not valid without the relative annex(es) and can be suspended, withdrawn or reduced at any time in the event of non fulfilment as ascertained by ACCREDIA.

Confirmation of the validity of accreditation can be verified on the website (www.accredia.it) or by contacting the relevant Department. The QRcode links directly to the website www.accredia.it to check the validity of the accreditation certificate issued to the CAB.

The revision date shown on the certificate refers to the update / resolution date of the Sector Accreditation Committee. The Resolution, signed by the President of ACCREDIA, can be downloaded from the website www.accredia.it, 'Documents' section. ACCREDIA is the sole national Accreditation Body, appointed by the Italian government in compliance with the application of REGULATION (EC) No 765/2008.

MD-17-DC Rev. 04

ACCREDIA

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Allegato SEDI al Certificato di Accreditamento 0078ISP
Annex SEDI to the Accreditation Certificate 0078ISP

RILASCIATO A
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REVIEW DATE **01-01-2023**

Sedi dove sono svolte le attività di ispezione coperte dal presente certificato di accreditamento
Locations where inspection activities covered by this accreditation certificate are undertaken

Via Mengolina, 33 int. 5 48018 - Faenza (RA) - Italia



Allegato CSAAR al Certificato di Accreditamento 0078ISP
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RILASCIATO A
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REVISIONE
REVISION **001**

DATA DI REVISIONE
REVIEW DATE **17-04-2023**

DATA DI SCADENZA
EXPIRY DATE **24-10-2024**

Ispezione di Tipo A nei seguenti settori:

Verifiche Periodiche e Straordinarie di impianti elettrici ai sensi del DPR 462/01 e s.m.i. e della Direttiva del Ministro del 11 Marzo 2002.

Per le seguenti tipologie ispettive:

- Installazioni e dispositivi di protezione contro le scariche atmosferiche;
- Impianti di messa a terra di impianti alimentati fino a 1000 V;
- Impianti di messa a terra di impianti alimentati con tensione oltre 1000 V;
- Impianti elettrici collocati in luoghi di lavoro con pericolo di esplosione.

Direttiva 2010/35/UE T-PED Attrezzature a pressione trasportabili

Prodotti:

- tutte le attrezzature di cui all'art. 1 della Direttiva e alle definizioni del comma 1 dell'art. 2.
- tutti i recipienti a pressione, incluse le cartucce di gas, i loro rubinetti ed altri accessori se presenti.
- le cisterne, i veicoli/vagoni batteria, i contenitori per gas a elementi multipli (MEGC) i loro rubinetti ed altri accessori se presenti.

Moduli di Valutazione:

Valutazione di Conformità – Ispezione Periodica – Ispezione Intermedia – Verifica Straordinaria – Sorveglianza del Servizio Interno di Ispezione – Rivalutazione della Conformità.

Direttiva 2014/68/UE Attrezzature a Pressione

Prodotti: Attrezzature a Pressione di cui all'Art.1

Approvazione dei metodi delle giunzioni permanenti

Moduli / Procedure di Valutazione di Conformità:

Allegato III – Modulo A2 (Controllo interno della produzione unito a controlli ufficiali delle attrezzature a pressione effettuati a intervalli casuali)

Allegato I, punto 3.1.2. – Approvazione dei metodi delle giunzioni permanenti

Direttiva 2014/33/UE Ascensori e Componenti di Sicurezza per Ascensori

Prodotto: Ascensori

Moduli / Procedure di Valutazione di Conformità:

Allegato V – (Esame finale degli ascensori)

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Inspection of Type A in the following sectors:

Inspection activities in accordance with the provisions of Presidential Decree n. 462/2001 and Ministerial Directive of the 11th march 2002 for the following typologies:

- Installations and devices for protection against lightning;
- Grounding systems in electrical installations up to 1000V;
- Grounding systems in electrical installations over 1000V;
- Electrical installations in workplaces which contain places where there are potentially explosive atmospheres

Directive 2010/35/EU T-PED Transportable Pressure Equipment

Products:

- all equipment in art. 1 of the Directive and definitions of paragraph 1 of Art. 2
- all the pressure vessels, including gas cartridges, their valves and other accessories if any
- tanks, battery vehicles / wagons, the multi-element gas containers (MEGCs) their valves and other accessories, if any.

Modules:

Conformity Assessment Activities - Periodic Inspections - Intermediate Inspections - Exceptional Checks - Surveillance of the in-house inspection service - Reassessment of Conformity

Directive 2014/68/EU Pressure Equipment

Products: Pressure Equipment in accordance with Article 1

Approval of permanent joining procedures

Modules / Conformity Assessment Procedures:

Annex III — Module A2 (Internal production control plus supervised pressure equipment checks at random intervals)

Annex I, point 3.1.2. — Approval of permanent joining procedures

Directive 2014/33/EU Lifts and Safety Components for Lifts

Product: Lifts

Modules / Conformity Assessment Procedures:

Annex V – (Final inspection for lifts)

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Ispezione di Tipo A nei seguenti settori:

| Category | Field | Subfield | Range | Stage |
|--------------------------|------------|--|---|--|
| - Servizio - Prodotto | Automotive | - Categoria L - Motocicli, tricicli, quadricicli - Categoria M - Veicoli a motore destinati al trasporto di persone con almeno quattro ruote - Categoria N - Veicoli a motore destinati al trasporto di merci con almeno quattro ruote - Categoria O - Rimorchi (compresi i semirimorchi) - Categoria T - Trattori a ruote - Categoria C- Velocipedi - Categoria R - Veicoli agricolo-forestale, rimorchiati da trattori, destinati a trasporti di carichi o trattamento di materiali - Categoria S - Veicoli usati in agricoltura, rimorchiati da trattori - Veicoli elettrici Motori stazionari | - Ispezioni su veicoli completi - Ispezioni sui componenti | - Precedentemente l'utilizzo del prodotto - Durante l'utilizzo del prodotto |

Requirements

Veicoli Categoria - L
Vehicles Category - L

- Regulation on the approval and market surveillance of two- or three-wheels vehicles and quadricycles
- Regulation on Environmental and Propulsion Performance Requirements
- Regulation on Vehicle Functional Safety Requirements
- Regulation on Vehicle Construction Requirements
- Regulation on the administrative requirements for the approval and market surveillance of two- or three-wheel vehicles and quadricycles

Requirements

Enhanced functional safety requirements

- A1 Environmental test procedures related to exhaust emissions, evaporative emissions, greenhouse gas emissions, fuel consumption and reference fuels
- A2 Maximum design vehicle speed, maximum torque, maximum continuous total engine power of propulsion
- A3 Test procedures related to sound - Noise emissions of motorcycles
- B1 Audible warning devices
- B2 Braking, including anti-lock and combined brake systems
- B3 Electrical safety
- B4 Manufacturer declaration requirements regarding endurance testing of functional safety systems, parts and equipment
- B5 Front and rear protective structures
- B6 Glazing, windscreen wipers and washers, defrosting and demisting devices



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- B7 Driver-operated controls including identification of controls, tell-tales and indicators
- B8 Installation of lighting and light signalling devices, including automatic switching-on of lighting
- B9 Rearward visibility
- B10 Rollover protective structure (ROPS)
- B11 Safety belt anchorages and safety belts
- B12 Seating position (saddles and seats)
- B13 Steer-ability, cornering properties and turnability
- B14 Installation of tyres
- B15 Vehicle maximum speed limitation plate and location on vehicle
- B16 Vehicle occupant protection, including interior fittings, head restraint and vehicle doors
- B17 Maximum continuous rated or net power and/or vehicle speed limitation by design
- B18 Vehicle structure integrity
- C1 Anti-tampering measures
- C2 Arrangements for type-approval procedures
- C3 Conformity of production requirements
- C4 Coupling devices and attachments
- C5 Devices to prevent unauthorised use
- C6 Electromagnetic compatibility (EMC)
- C7 External projections
- C8 Fuel storage
- C9 Load platforms
- C10 Masses and dimensions
- C11 On-board diagnostics (OBD)
- C12 Passenger handholds and footrests
- C13 Registration plate space
- C14 Repair and maintenance information
- C15 Stands
- Statutory plate and EU type approval mark
- Anti air pollution measures
- Rear view mirrors
- Headlamps for motor vehicles (R2, HS1)
- Retro-reflectors
- Direction indicators
- Front and rear position lamps and stop lamps
- Headlamps for motor vehicles (H1, H2, H3, HB3, HB4, H7, H8, H9, H11, H1R1, H1R2)
- Front fog lamps
- Headlamps for motor vehicles (H4)
- Filament bulbs
- Rear fog lamps
- Safety glazing
- Lighting components
- Headlamps for mopeds and vehicles treated as such
- Headlamps for motorcycles and vehicles treated as such
- Headlamps for motorcycles and vehicles treated as such (HS1)
- Headlamps for motorcycles and vehicles treated as such (HS2)
- Daytime running lamps
- Headlamps with gas-discharge light sources
- Gas-discharge light sources
- Headlamps with asymmetrical beams
- Headlamps with symmetrical beams



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- Approval of non-original replacement exhaust silencing systems

Veicoli Categoria - M, N, O
Vehicles Category - M, N, O

- Directive establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles

Requirements

1 Permissible Sound Levels

1A Sound level

2A Emissions (Euro 5 and 6) light-duty vehicles/access to information

3A Prevention of fire risks (liquid fuel tanks)

3B Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)

4A Space for mounting and fixing rear registration plates

5A Steering equipment

6A Vehicle access and manoeuvrability (steps, running boards and handholds)

6B Door latches and door retention components

7A Audible warning devices and signals

8A Devices for indirect vision and their installation

9A Braking of vehicles and trailers

9B Braking of passenger cars

10A Electromagnetic compatibility

11 Diesel smoke

12A Interior fittings

13A Protection of motor vehicles against unauthorised use

13B Protection of motor vehicles against unauthorised use

14A Protection of the driver against the steering mechanism in the event of impact

15A Seats, their anchorages and any head restraints

15B Seats of large passenger vehicles

16A External projections

17A Vehicle access and manoeuvrability (reverse gear)

17B Speedometer equipment including its installation

18A Manufacturer's statutory plate and vehicle identification number

19A Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages

20A Installation of lighting and light-signalling devices on vehicles

21A Retro-reflecting devices for power-driven vehicles and their trailers

22A Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers

22B Daytime running lamps for power-driven vehicles

22C Side-marker lamps for motor vehicles and their trailers

23A Direction indicators for power-driven vehicles and their trailers

24A Illumination of rear-registration plates of power-driven vehicles and their trailers

25A Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both

25B Filament lamps for use in approved lamp units of power-driven vehicles and their trailers

25C Motor vehicle headlamps equipped with gas-discharge light sources

25D Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles

25E Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules



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25F Adaptive front-lighting systems (AFS) for motor vehicles
26A Power-driven vehicle front fog lamps
27A Towing devices
28A Rear fog lamps for power-driven vehicles and their trailers
29A Reversing lights for power-driven vehicles and their trailers
30A Parking lamps for power-driven vehicles
31A Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems
32A Forward field of vision
33A Location and identification of hand controls, tell-tales and indicators
34A Windscreen defrosting and demisting systems
35A Windscreen wiper and washer systems
36A Heating systems
37A Wheel guards
38A Head restraints (headrests), whether or not incorporated in vehicle seats
41 Emissions (Euro IV and V) heavy-duty vehicles
41A Emissions (Euro VI) heavy duty vehicles/access to information
41B CO2 simulation tool licence (heavy-duty vehicles)
42A Lateral protection of goods vehicles
43A Spray-suppression systems
44A Masses and dimensions
45A Safety glazing materials and their installation on vehicles
46A Installation of tyres
46B Pneumatic tyres for motor vehicles and their trailers (Class C1)
46C Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)
46D Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3)
46E Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system
47A Speed limitation of vehicles
48A Masses and dimensions
49A Commercial vehicles with regard to their external projections forward of the cab's rear panel
50A Mechanical coupling components of combinations of vehicles
50B Close-coupling device (CCD); fitting of an approved type of CCD
51A Burning behaviour of materials used in the interior construction of certain categories of motor vehicles
52A M2 and M3 vehicles
52B Strength of the superstructure of large passenger vehicles
53A Protection of occupants in the event of a frontal collision
54A Protection of occupants in the event of lateral collision
56A Vehicles for the carriage of dangerous goods.
57A Front under-run protection
58 Pedestrian protection
59 Recyclability
61 Air-conditioning systems
62 Hydrogen systems
63 General safety
64 Gear Shift indicators
65 Advanced emergency braking system
66 Lane departure warning system
67 Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles
68 Vehicle alarm system (VAS)
69 Electric safety
70 Specific components for CNG and their installation on motor vehicles



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71 Cab strength
72 eCall system

Veicoli Categoria - T, C, R, S
Vehicles Category - T, C, R, S

- Regulation on the approval and market surveillance of agricultural and forestry vehicles
- Regulation on Vehicle Functional Safety Requirements
- Regulation on Vehicle Construction Requirements
- Regulation on Environmental and Propulsion Performance Requirements
- Regulation on Vehicle Braking Requirements

Requirements

- 1 Vehicle structure integrity
- 2 Maximum design speed, speed governor and speed limitation devices
- 3 Braking devices and trailer braking coupling
- 4 Steering for fast tractors
- 5 Steering
- 6 Speedometer
- 7 Field of vision and windscreen wipers
- 8 Glazing
- 9 Rear-view mirrors
- 10 Driver information systems
- 11 Lighting, light signalling devices and their light sources
- 12 Lighting installation
- 13 Vehicle occupant protection, including interior fittings, head restraint, seat belts, vehicle doors
- 14 Vehicle exterior and accessories
- 15 Electromagnetic compatibility
- 16 Audible warning device
- 17 Heating systems
- 18 Devices to prevent unauthorised use
- 19 Registration plate
- 20 Statutory plate and marking
- 21 Dimensions and trailer mass
- 22 Maximum laden mass
- 23 Ballast masses
- 24 Safety of electrical systems
- 25 Fuel tank
- 26 Rear protective structures
- 27 Lateral protection
- 28 Load platforms
- 29 Towing devices
- 30 Tyres
- 31 Spray-suppression systems
- 32 Reverse gear
- 33 Tracks
- 34 Mechanical couplings
- 35 ROPS
- 36 ROPS (track-laid)



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37 ROPS (static testing)
38 ROPS, Front- mounted (narrow-track tractors)
39 ROPS, Rear- mounted (narrow-track tractors)
40 FOPS, Falling Objects Protection Structure
41 Passenger seats
42 Driver's exposure to noise level
43 Driving seat and position
44 Operating space, access to the driving position
45 Power take-offs
46 Protection of drive components
47 Seat belt anchorages
48 Safety belts
49 OPS, Protection against penetrating objects
50 Exhaust system
51 Operators manual
52 Controls, including in particular emergency and automatic stop devices
53 Protection against mechanical hazards other than the ones mentioned in Article 18(2)(a), (b), (g), (k), including protection against rupture of pipes carrying fluids and uncontrolled movement of the vehicle
54 Guards and protective devices
55 Information, warnings and markings
56 Materials and products
57 Batteries
58 Emergency exits
59 Cab ventilation and filtration system
60 Burning rate of cab material
61 Pollutant emissions
62 Sound level (external)
Propulsion unit performance

Categoria - Veicoli elettrici
Category - Electric vehicles

Requirements
Uniform provisions concerning the approval of battery electric vehicles

Categoria - Motori stazionari
Category - Non-road mobile machines

Requirements
Measures against the emission of gaseous and particulate pollutants from internal combustion engines to be installed in non-road mobile machinery



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Inspection of Type A in the following sectors:

| Category | Field | Subfield | Range | Stage |
|------------------------|------------|--|---|---|
| - Product - Service | Automotive | <ul style="list-style-type: none"> - Category L – motorcycles, tricycles and quads - Category M – motor vehicles for transport of people with at least four wheels - Category N – motor vehicles for transport of goods with at least four wheels - Category O – trailers (including semi-trailers) - Category T – Tractors with wheels - Category C – Velocipedes - Category R – Agricultural and forestry vehicles, towed by tractors, intended for the transport of loads or the treatment of materials - Category S – Vehicles used in agriculture, towed by tractors - Electric vehicles - Stationary engines | <ul style="list-style-type: none"> - Inspections of complete vehicles - Inspections of components | <ul style="list-style-type: none"> - prior the use of the product - during the use of the product |

Requirements

Veicoli Categoria - L
Vehicles Category - L

- Regulation on the approval and market surveillance of two- or three-wheels vehicles and quadricycles
- Regulation on Environmental and Propulsion Performance Requirements
- Regulation on Vehicle Functional Safety Requirements
- Regulation on Vehicle Construction Requirements
- Regulation on the administrative requirements for the approval and market surveillance of two- or three-wheel vehicles and quadricycles

Requirements

Enhanced functional safety requirements

- A1 Environmental test procedures related to exhaust emissions, evaporative emissions, greenhouse gas emissions, fuel consumption and reference fuels
- A2 Maximum design vehicle speed, maximum torque, maximum continuous total engine power of propulsion
- A3 Test procedures related to sound - Noise emissions of motorcycles
- B1 Audible warning devices
- B2 Braking, including anti-lock and combined brake systems
- B3 Electrical safety
- B4 Manufacturer declaration requirements regarding endurance testing of functional safety systems, parts and equipment
- B5 Front and rear protective structures
- B6 Glazing, windscreen wipers and washers, defrosting and demisting devices



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- B7 Driver-operated controls including identification of controls, tell-tales and indicators
- B8 Installation of lighting and light signalling devices, including automatic switching-on of lighting
- B9 Rearward visibility
- B10 Rollover protective structure (ROPS)
- B11 Safety belt anchorages and safety belts
- B12 Seating position (saddles and seats)
- B13 Steer-ability, cornering properties and turnability
- B14 Installation of tyres
- B15 Vehicle maximum speed limitation plate and location on vehicle
- B16 Vehicle occupant protection, including interior fittings, head restraint and vehicle doors
- B17 Maximum continuous rated or net power and/or vehicle speed limitation by design
- B18 Vehicle structure integrity
- C1 Anti-tampering measures
- C2 Arrangements for type-approval procedures
- C3 Conformity of production requirements
- C4 Coupling devices and attachments
- C5 Devices to prevent unauthorised use
- C6 Electromagnetic compatibility (EMC)
- C7 External projections
- C8 Fuel storage
- C9 Load platforms
- C10 Masses and dimensions
- C11 On-board diagnostics (OBD)
- C12 Passenger handholds and footrests
- C13 Registration plate space
- C14 Repair and maintenance information
- C15 Stands
- Statutory plate and EU type approval mark
- Anti air pollution measures
- Rear view mirrors
- Headlamps for motor vehicles (R2, HS1)
- Retro-reflectors
- Direction indicators
- Front and rear position lamps and stop lamps
- Headlamps for motor vehicles (H1, H2, H3, HB3, HB4, H7, H8, H9, H11, H1R1, H1R2)
- Front fog lamps
- Headlamps for motor vehicles (H4)
- Filament bulbs
- Rear fog lamps
- Safety glazing
- Lighting components
- Headlamps for mopeds and vehicles treated as such
- Headlamps for motorcycles and vehicles treated as such
- Headlamps for motorcycles and vehicles treated as such (HS1)
- Headlamps for motorcycles and vehicles treated as such (HS2)
- Daytime running lamps
- Headlamps with gas-discharge light sources
- Gas-discharge light sources
- Headlamps with asymmetrical beams
- Headlamps with symmetrical beams



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- Approval of non-original replacement exhaust silencing systems

Veicoli Categoria - M, N, O
Vehicles Category - M, N, O

- Directive establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles

Requirements

1 Permissible Sound Levels

1A Sound level

2A Emissions (Euro 5 and 6) light-duty vehicles/access to information

3A Prevention of fire risks (liquid fuel tanks)

3B Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)

4A Space for mounting and fixing rear registration plates

5A Steering equipment

6A Vehicle access and manoeuvrability (steps, running boards and handholds)

6B Door latches and door retention components

7A Audible warning devices and signals

8A Devices for indirect vision and their installation

9A Braking of vehicles and trailers

9B Braking of passenger cars

10A Electromagnetic compatibility

11 Diesel smoke

12A Interior fittings

13A Protection of motor vehicles against unauthorised use

13B Protection of motor vehicles against unauthorised use

14A Protection of the driver against the steering mechanism in the event of impact

15A Seats, their anchorages and any head restraints

15B Seats of large passenger vehicles

16A External projections

17A Vehicle access and manoeuvrability (reverse gear)

17B Speedometer equipment including its installation

18A Manufacturer's statutory plate and vehicle identification number

19A Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages

20A Installation of lighting and light-signalling devices on vehicles

21A Retro-reflecting devices for power-driven vehicles and their trailers

22A Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers

22B Daytime running lamps for power-driven vehicles

22C Side-marker lamps for motor vehicles and their trailers

23A Direction indicators for power-driven vehicles and their trailers

24A Illumination of rear-registration plates of power-driven vehicles and their trailers

25A Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both

25B Filament lamps for use in approved lamp units of power-driven vehicles and their trailers

25C Motor vehicle headlamps equipped with gas-discharge light sources

25D Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles

25E Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules



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REVISION

DATA DI REVISIONE **01-01-2023**
REVIEW DATE

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25F Adaptive front-lighting systems (AFS) for motor vehicles
26A Power-driven vehicle front fog lamps
27A Towing devices
28A Rear fog lamps for power-driven vehicles and their trailers
29A Reversing lights for power-driven vehicles and their trailers
30A Parking lamps for power-driven vehicles
31A Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems
32A Forward field of vision
33A Location and identification of hand controls, tell-tales and indicators
34A Windscreen defrosting and demisting systems
35A Windscreen wiper and washer systems
36A Heating systems
37A Wheel guards
38A Head restraints (headrests), whether or not incorporated in vehicle seats
41 Emissions (Euro IV and V) heavy-duty vehicles
41A Emissions (Euro VI) heavy duty vehicles/access to information
41B CO2 simulation tool licence (heavy-duty vehicles)
42A Lateral protection of goods vehicles
43A Spray-suppression systems
44A Masses and dimensions
45A Safety glazing materials and their installation on vehicles
46A Installation of tyres
46B Pneumatic tyres for motor vehicles and their trailers (Class C1)
46C Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)
46D Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3)
46E Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system
47A Speed limitation of vehicles
48A Masses and dimensions
49A Commercial vehicles with regard to their external projections forward of the cab's rear panel
50A Mechanical coupling components of combinations of vehicles
50B Close-coupling device (CCD); fitting of an approved type of CCD
51A Burning behaviour of materials used in the interior construction of certain categories of motor vehicles
52A M2 and M3 vehicles
52B Strength of the superstructure of large passenger vehicles
53A Protection of occupants in the event of a frontal collision
54A Protection of occupants in the event of lateral collision
56A Vehicles for the carriage of dangerous goods.
57A Front under-run protection
58 Pedestrian protection
59 Recyclability
61 Air-conditioning systems
62 Hydrogen systems
63 General safety
64 Gear Shift indicators
65 Advanced emergency braking system
66 Lane departure warning system
67 Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles
68 Vehicle alarm system (VAS)
69 Electric safety
70 Specific components for CNG and their installation on motor vehicles



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71 Cab strength
72 eCall system

Veicoli Categoria - T, C, R, S
Vehicles Category - T, C, R, S

- Regulation on the approval and market surveillance of agricultural and forestry vehicles
- Regulation on Vehicle Functional Safety Requirements
- Regulation on Vehicle Construction Requirements
- Regulation on Environmental and Propulsion Performance Requirements
- Regulation on Vehicle Braking Requirements

Requirements

- 1 Vehicle structure integrity
- 2 Maximum design speed, speed governor and speed limitation devices
- 3 Braking devices and trailer braking coupling
- 4 Steering for fast tractors
- 5 Steering
- 6 Speedometer
- 7 Field of vision and windscreen wipers
- 8 Glazing
- 9 Rear-view mirrors
- 10 Driver information systems
- 11 Lighting, light signalling devices and their light sources
- 12 Lighting installation
- 13 Vehicle occupant protection, including interior fittings, head restraint, seat belts, vehicle doors
- 14 Vehicle exterior and accessories
- 15 Electromagnetic compatibility
- 16 Audible warning device
- 17 Heating systems
- 18 Devices to prevent unauthorised use
- 19 Registration plate
- 20 Statutory plate and marking
- 21 Dimensions and trailer mass
- 22 Maximum laden mass
- 23 Ballast masses
- 24 Safety of electrical systems
- 25 Fuel tank
- 26 Rear protective structures
- 27 Lateral protection
- 28 Load platforms
- 29 Towing devices
- 30 Tyres
- 31 Spray-suppression systems
- 32 Reverse gear
- 33 Tracks
- 34 Mechanical couplings
- 35 ROPS
- 36 ROPS (track-laid)

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37 ROPS (static testing)
38 ROPS, Front- mounted (narrow-track tractors)
39 ROPS, Rear- mounted (narrow-track tractors)
40 FOPS, Falling Objects Protection Structure
41 Passenger seats
42 Driver's exposure to noise level
43 Driving seat and position
44 Operating space, access to the driving position
45 Power take-offs
46 Protection of drive components
47 Seat belt anchorages
48 Safety belts
49 OPS, Protection against penetrating objects
50 Exhaust system
51 Operators manual
52 Controls, including in particular emergency and automatic stop devices
53 Protection against mechanical hazards other than the ones mentioned in Article 18(2)(a), (b), (g), (k), including protection against rupture of pipes carrying fluids and uncontrolled movement of the vehicle
54 Guards and protective devices
55 Information, warnings and markings
56 Materials and products
57 Batteries
58 Emergency exits
59 Cab ventilation and filtration system
60 Burning rate of cab material
61 Pollutant emissions
62 Sound level (external)
Propulsion unit performance

Categoria - Veicoli elettrici
Category - Electric vehicles

Requirements
Uniform provisions concerning the approval of battery electric vehicles

Categoria - Motori stazionari
Category - Non-road mobile machines

Requirements
Measures against the emission of gaseous and particulate pollutants from internal combustion engines to be installed in non-road mobile machinery