

CERTIFICATO DI ACCREDITAMENTO *Accreditation Certificate*

ACCREDITAMENTO N. **078E REV. 08**
ACCREDITATION N.

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

SIDICHIARA 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 Ed. 2012

MEETS THE REQUIREMENTS
OF THE STANDARD ISO/IEC 17020 Ed. 2012

QUALE ORGANISMO DI **Ispezione di Tipo A**
AS BODY FOR THE *(così come dettagliato nell'Allegato al presente Certificato)*
Inspection of Type A
(as stated in the Enclosure to this Certificate)

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

Data di modifica
Modification date
26-06-2020

Data di Scadenza
Expiry date
24-10-2024


Dott. Emanuele Riva
Il Direttore di Dipartimento
The Department Director


Dott. Filippo Trifiletti
Il Direttore Generale
The General Director


Ing. Giuseppe Rossi
Il Presidente
The President

Il presente Certificato non è da ritenersi valido se non accompagnato dal relativo Allegato e può essere sospeso o revocato 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.

This Certificate is not valid without the relative Enclosure and can be suspended or withdrawn at any time in the event of non fulfilment as ascertained by ACCREDIA.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.

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Allegato 1 al Certificato di accreditamento n° 078E Rev. 08
Enclosure 1 to the accreditation Certificate n° 078E Rev. 08

rilasciato a / issued to:

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S.p.A.**

Ispezione di Tipo A nei seguenti settori:

Direttiva 2010/35/UE T-PED Attrezzature a pressione trasportabili
(vedere l'Allegato 2 del Certificato)

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.

Ispezioni relative a prove eseguite presso gli stabilimenti del fabbricante o nei laboratori di terza parte relativamente a componenti per veicoli nelle seguenti Macro-famiglie (vedere l'Allegato 2 al Certificato):

- Veicoli completi e loro componenti (Categorie L, M-N-O, T, C, R, S);
- Veicoli elettrici;
- Motori stazionari

Inspection of Type A in the following sectors:

Directive 2010/35/EU T-PED Transportable Pressure Equipment
(see the Enclosure 2 to the Certificate)

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

Inspections concerning tests conducted at the manufacturers site or third party laboratories on vehicle components in the following major groups (see the Enclosure 2 to the Certificate):

- Whole vehicles and their systems and components (Categories L, M-N-O, T, C, R, S);
- Inspections concerning tests conducted at the manufacturers site or third party laboratories on vehicle Electric vehicles;
- Non-road mobile machines.

L'accreditamento per i settori elencati nel presente Allegato è valido fino a tutto il 24-10-2024
The accreditation for the sectors listed in this Enclosure is valid until 24-10-2024


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(Ing. Giuseppe Rossi)
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Milano, 26-06-2020

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Allegato 2 al Certificato di accreditamento n° 078E Rev. 08
Enclosure 2 to the accreditation Certificate n° 078E Rev. 08

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Aggiornato in data: 26-06-2020
Updated on: 26-06-2020

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.

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

Ispezioni relative a prove eseguite presso gli stabilimenti del fabbricante o nei laboratori di terza parte relativamente a componenti per veicoli. Ispezioni eseguite secondo le seguenti specifiche tecniche:

Inspections concerning tests conducted at the manufacturers site or third party laboratories on vehicle. Inspections carried out according to the following technical specifications:

Veicoli Categoria - L

Vehicles Category - L

Regulation on the approval and market surveillance of two or three-wheels 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

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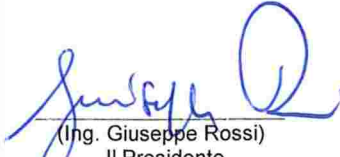
Allegato 2 al Certificato di accreditamento n° 078E Rev. 08 **Enclosure 2 to the accreditation Certificate n° 078E Rev. 08**

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
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)

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Allegato 2 al Certificato di accreditamento n° 078E Rev. 08 **Enclosure 2 to the accreditation Certificate n° 078E Rev. 08**

Daytime running lamps
Headlamps with gas-discharge light sources
Gas-discharge light sources
Headlamps with asymmetrical beams
Headlamps with symmetrical beams
Headlamps with symmetrical beams
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

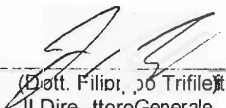
Requirements

- 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

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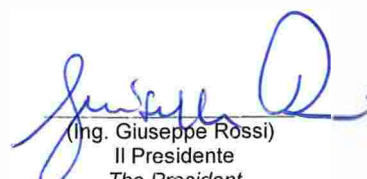
Enclosure 2 to the accreditation Certificate n° 078E Rev. 08

- 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
- 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

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70 Specific components for CNG and their installation on motor vehicles
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)
- 37 ROPS (static testing)
- 38 ROPS, Front- mounted (narrow-track tractors)

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- 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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