

EU Type Examination Certificate

Date: 2019/12/04

n. 001194901/OE

Validity:
2024/12/03

This document cancels the previous one nr. 001164001/OE dated 2016/10/04

The hereunder described items of Personal Protective Equipment have overcome positively the "EU type examination" (Module B), proving their conformity to the safety and health requirements of the Regulation (EU) 2016/425 (Annex II)

Manufacturer: (Responsible of the PPE)	GIASCO s.r.l. via Zaupa 50, 36072 CHIAMPO (VI) – ITALIA
Type of PPE:	Safety footwear in conformity with EN ISO 20345:2011 class I (= footwear in leather and other materials)
Category of PPE:	II : "medium" risks. This certificate is based on reference standards listed below: its validity is no longer ensured should new version of the standards come into force.
Model	"HRD057E" Line HARD ROCK ISOLANTE
Description:	 <p><u>model</u>: B (ankle shoe); <u>fastening system</u>: by means of laces; <u>processing</u>: direct injection; <u>sole</u>: black rubber with a light green logo on the plantar arch, marked "SRC HRO MADE IN ITALY PU RUBBER HARD ROCK ANTISHOCK OIL SLIPPING RESISTANT" (code AC 20263); <u>midsole</u>: dark grey PU foam; <u>upper</u>: black anti-abrasion split hydro leather DAMA declared thickness 1,8/2,0mm (code MP 20064 B), dark grey grain hydro NUBUK leather declared thickness 1,8-2,0 mm (code MP 30130 Q), with inserts made of grey reflective material (code AC 11712); <u>collar</u>: black fabric PUMA coupled with MTP 3 (code AC 20858); <u>tongue/bellows</u>: black PU coagulated fabric declared thickness 0.8 mm (code AC 20806 D), lined and centrally padded; <u>vamp and quarter lining</u>: grey fabric WINDTEX with an antibacterial treatment (code AC 20800); <u>collar lining</u>: orange three-dimensional fabric SURF (code AC 20826 AR); <u>insole</u>: white insulating penetration resistant fabric ZERO PERFORATION SLIM (code AC 20898), which also serves as a penetration resistant insert; <u>removable insock</u>: dark grey thermoformed foam material, perforated, matched with black non-woven material in contact with the foot (code AC 20457); <u>toecap</u>: composite material, article PS 101 (code AC 10781).</p>
Technical Standard:	EN ISO 20344:2011 (UNI EN ISO 20344:2012) EN ISO 20345:2011 (UNI EN ISO 20345:2012)
Intended use:	general industry, engineering industry, agriculture, warehouses, works on trucks, cranes.
Size range:	from 39 to 47
Technical File:	DC-11536/E
Test report:	RCT n°3814741/E



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Functions and performance levels:

basic requirements for safety footwear (SB) (see Table 2 and 3 of EN ISO 20345:2011): all mandatory ones, among which:

SRC = Slip resistance – meets the following requirement:

- surface: ceramic / lubricant: detergent solution;
- surface: steel / lubricant: glycerol.

Additional requirements (Tab. 18 and 20 of EN ISO 20345:2011):

FO = resistance to fuel oil of the outsole; **E** = energy absorption of seat region;

P = penetration resistance of the sole; **CI** = cold insulation of sole complex;

HI = heat insulation of sole complex; **WR** = resistance to water penetration of the whole footwear; **WRU** = resistance to water penetration and absorption (waterproof upper); **HRO** = resistance to hot contact of the outsole.

Note 1: the penetration resistance of the synthetic stitch proof insole tends to decrease with the diameter of the perforating object; in return the synthetic insole offers more protective surface and ergonomics advantages (flexibility, insulation, humidity and impact absorption).

Note 2: within certain limit (no presence of humidity -> see the User Manual) the footwear bottom (no upper) offers electrical insulation against voltages up to 1000V;

Note 3: the footwear bottom passed the electrical test in accordance with ASTM F2413-11 (EH)/CSA Z195-14: voltage 20 kV/60Hz, growth: 1kV/sec., duration: 1 min, electrical flow: ≤1mA.

Marking:

printed directly on the tongue of the footwear and displaying the following information:

- **CE Marking**;
- Name of the Manufacturer (on the footwear) and Trademark (printed on the outsole);
- item designation (alphanumeric code);
- nr. and year of the reference Standard and safety symbols;
- size indication (printed on the outsole);
- date of manufacture (printed on the outsole with clock indicator).

CE UNI EN ISO 20345: 2012
SB FO E P CI HI WRU WR HRO SRC
HRD057E



NOTE: the Technical File contains a more detailed description of the PPE (material, method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements.

The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).

