

## CE TYPE APPROVAL CERTIFICATE

n. **001164001/OE**

2016/10/04

This is to certify, that the hereunder described items of Personal Protective Equipment have overcome positively the "CE type examination", proving their conformity to the safety and health requirements of the Directive 89/686/EEC.

Manufacturer: (Responsible of the PPE)	<b>GIASCO s.r.l.</b> via Zaupa, 50 36072 CHIAMPO (VI) - ITALIA	
Type of PPE:	<b>Safety footwear</b> in conformity with <b>EN ISO 20345:2011 class I</b> (= footwear in leather and other materials, excluding all-rubber or all-polymeric footwear).	
Category of PPE:	<b>II: Personal Protective Equipment</b> against "medium" risks. This certificate is based on the reference standards listed below: its validity is no longer ensured should new version of the standards come into force.	
Model	<b>"HRD057E"</b> product line: HARD ROCK Isolante (insulating)	
Description:	 <p><u>model</u>: B (ankle shoe); <u>fastening system</u>: by means of laces; <u>processing</u>: direct injection; <u>outsole</u>: black rubber with a light green logo in the plantar arch area marked " SRC HRO MADE IN ITALY PU RUBBER HARD ROCK ANTISHOCK OIL SLIPPING RESISTANT" (cod. AC 20263); <u>midsole</u>: dark grey foam PU; <u>upper</u>: black butt split leather antiab. MATRIX grain DAMA (cod. MP 20064 B), dark grey/black butt split leather DIAMANTE cod. MP 20065 K), with an insert made of grey reflective fabric (cod. AC 11712); <u>collar</u>: black fabric PUMA matched with MTP 3 mm (cod. AC 20858); <u>tongue/bellows</u>: black PU coagulated fabric declared thickness 0.8 mm (cod. AC 20806 D); <u>vamp and quarter lining</u>: grey fabric WINDTEX with an antibacterial treatment (cod. AC 20800); <u>collar lining</u>: orange three-dimensional fabric SURF 487 (cod. AC 20826 AR); <u>insole</u>: white multi-layered insulating fabric marked ZERO PERFORATION K18.0/3 SLIM (cod. AC 20898), <u>which also serves as penetration resistant insert</u>; <u>heel seat lining</u>: grey PE foam matched with black non-woven fabric "cambrelle 4000" on the side which is in contact with the foot (AC 20405); <u>toecap</u>: composite material, article PS 101 (AC 10781).</p>	
Technical Standard:	<b>EN ISO 20344:2011</b> (UNI EN ISO 20344:2012) <b>EN ISO 20345:2011</b> (UNI EN ISO 20345:2012)	Personal protective equipment – Test methods for footwear Personal protective equipment – Safety footwear
Intended use:	general industry, engineering industry, agriculture, warehouses, works on trucks, cranes.	
Size range:	from 39 to 47.	
Technical File:	<b>DC-7953/E</b> (including Application to <b>RCT</b> and Technical Documents).	
Test report:	<b>RCT n°353903.01/E.</b>	
Basis of evaluation:	applicable requirements of European Directive 89/686/EEC and reference Standards.	

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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; **E:** energy absorption of seat region; **P:** perforation resistance; **CI:** cold insulation of sole complex; **HI:** heat insulation of sole complex; **WR:** resistance to water penetration of the whole footwear; **WRU:** water penetration resistance and absorption (water – repellent 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).

**[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.

**[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:

on a stitched label and displaying the following information:

- **CE Marking** attesting PPE conformity to all the provisions of the Directive 89/686/EEC (and any subsequent amendments);
- Trademark of the Manufacturer (printed on the outsole)+ Name (on the tongue);
- designation of the footwear (alphanumeric code: unique/unambiguous);
- Technical Harmonized Standard of reference;
- safety symbols;
- size of the footwear (printed on the outsole);
- date of production (printed on the outsole with clock indicator).

(see example below)

**CE UNI EN ISO 20345: 2012**  
**SB FO E P CI HI WR WRU 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).