

EU Type Examination Certificate

Date: 2018/03/26

n. **769181304/OE**

Validity:
from 2018/04/21 to 2023/04/20

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: **CARHART BV**
(Responsible of the PPE) Cruquiusweg 109-D – 1019 AG, Amsterdam (THE NETHERLANDS)

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 **"F702901.232"**

Description:



model: B (ankle boot);
fastening system: by means of laces;
processing: direct injection;
outsole: rubber RANGER in para colour with yellow stamp VIBRAM marked "ANTISTATIC OIL RESISTANT HRO-HI" (cod. 3040B/00-RAS/76/00);
midsole: coffee-coloured PU foam (cod. MPI/001);
upper: leather waterproof oiled in DEEP BROWN colour declared thickness 1,8/2,0 (cod. OID/DBR);
collar: same leather as that of the upper;
tongue/bellows: brown coated fabric ANDREA SILVIA (cod. ANS/MARI);
vamp/rear/heel-grip lining: black fabric SPOTEX TEPOR SELENE (cod. SPO/SELN), which also covers the insole;
collar and upper tongue lining: otter-brown leather (cod. PEL/LON);
insole: white multi-layered fabric ZP03/1500 (cod. LC/ZP03) with a green stamp covered by the lining, which also serves as penetration-resistant insert;
removable insock: thermo-formed, made of black agglomerated material with a reinforcement made of anthracite grey foam material from the forepart area to the heel zone, coupled with black/silver fabric in contact with the foot (cod. FM126NA);
toe-cap: glass fiber article 604 CONTENDER (cod. 604FV).

Technical Standard: **EN ISO 20344:2011** (UNI EN ISO 20344:2012) Personal protective equipment – Test methods for footwear
EN ISO 20345:2011 (UNI EN ISO 20345:2012) Personal protective equipment – Safety footwear

Intended use: general industry, engineering industry, agriculture, warehouses, works on trucks, cranes.

Size range: From 39 to 48

Technical File: **DC-9211/E**

Test report: **RCT n°3712040.01/E**



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Functions and performance levels:

basic requirements for safety footwear (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):

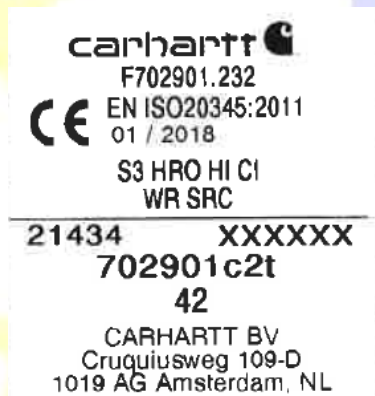
S3 = closed seat region, antistatic properties, energy absorption of seat region, resistance to fuel oil, water penetration resistance and absorption (water-repellent upper), penetration resistance, cleated outsole; **HRO** = resistance to hot contact of the outsole; **HI** = heat insulation of sole complex; **CI** = cold insulation of the sole complex; **WR** = resistance to water penetration of the whole footwear.

NOTE: 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).

Marking:

on a stitched label and displaying the following information:

- **CE Marking**;
- Name/Trademark and complete address of the Manufacturer;
- designation of the footwear (= alphanumeric code: unique/unambiguous);
- nr. and year of the Technical Harmonized Standard of reference + safety symbols;
- size of the footwear (also printed on the outsole);
- production date (month + year);
- additional information: internal codes.



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).

