

## EU Type Examination Certificate

Date: 2020/02/05

n. 680200602/OE

Validity:  
2025/02/04

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)	<b>BASTAD GRUPPEN AB</b> FRAKGATAN, 1 – 262 73 ÄNGELHOLM – SWEDEN
Type of PPE:	<b>Safety footwear</b> in conformity with <b>EN ISO 20345:2011 class I</b> (= footwear in leather and other materials)
Category of PPE:	<b>II</b> : "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	<b>"WEAPON BOA 100807"</b>
Description:	<p><u>model</u>: B (ankle boot);  <u>fastening system</u>: by means of "BOA SYSTEM" (BOS/978);  <u>processing</u>: direct injection;  <u>outsole</u>: black rubber with yellow VIBRAM insert marked "HRO ANTISTATIC HI TOTAL GRIP MADE IN ITALY OIL RESISTANT" (087BNP/00-HAM/ 1/00);  <u>midsole</u>: black PU foam (MPI/001);  <u>outer toetip reinforcement</u>: made of the same material as that of the midsole;  <u>upper</u>: black grain leather "DAKAR TREKKING IDRO" declared thickness 2,0-2,2 mm coupled with white non-woven material (DAI/NER), heel insert made of black split leather "PAMPAS IDROREPELLENTE" declared 1,8/2,0 mm (PAI/NER);  <u>collar</u>: black coated fabric "ANDREA SILVIA" (ANS/NERI), coupled with foam material;  <u>tongue/bellows</u>: black fabric "TECNIC L. SEMPLICE" (TEL/1081), lined and centrally padded;  <u>vamp and quarter lining and heel-grip</u>: black fabric "SPOTEX TEPOR SELENE" (SPO/SELN), which covers also the insole;  <u>upper tongue lining</u>: grey 99 three-dimensional fabric "AT 488 SPECIAL" (A8S/GRI);  <u>insole</u>: white multi-layered fabric "ZP03/1500" (LC/ZP03) with green stamp covered by the lining, <u>which also serves as penetration resistant insert</u>;  <u>removable insock</u>: thermoformed, black agglomerated material with an orange foam material reinforcement in the heel area, coupled with black fabric in contact with the foot (F14272N);  <u>toecap</u>: polymeric material article "6050 GRISPORT" (6050GRI).</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)
Intended use:	general industry, engineering industry, agriculture, warehouses, works on trucks, cranes.
Size range:	from 36 to 48
Technical File:	<b>DC-11520/E</b>
Test report:	<b>RCT n°3834905/E</b>



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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.

(\*) the final level of the anti-slip features is achieved after the first hours of trial stage.

**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/Registered Trademark of the Manufacturer + complete address;
- designation of the footwear (alphanumeric code);
- nr. and year of the Standard of reference + safety symbols;
- size of the footwear (also printed on the outsole);
- date of production (month + year);
- additional information: order number, internal codes, Boa lace cm 100.



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**BOA LACE CM 100**



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).

