

**No. 117/2022/PPE/1439/B**

**EDITION 1**

replaces certificate no. IPS-1439-7/2022

According to UE type-examination (module B) it is confirmed that PPE is intended to protect against the risk of category II:

**Safety footwear, antistatic, ESD:**

**CONSTRUCT 01-010851H; CONSTRUCT W 01-010877H;  
CONSTRUCT 01-010864H; CONSTRUCT W 01-010887H;  
CONSTRUCT 01-010906H; CONSTRUCT W 01-010907H**

**Safety footwear, antistatic:**

**CONSTRUCT 01-010940H; CONSTRUCT W 01-010941H;  
CONSTRUCT 01-010951H; CONSTRUCT 01-010953H; CONSTRUCT 01-010956H**

produced by:

**PROTEKTOR Spółka Akcyjna  
ul. Vetterów 24a-24b  
20-277 Lublin**

satisfies the applicable essential health and safety requirements in accordance with Annex II Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC and the harmonised standards EN ISO 20345:2011 (PN-EN ISO 20345:2012)

**Category of footwear: S3 CI HI HRO WR SRC**

The attachments No. Z1/117/2022/PPE/1439/B and Z2/117/2022/PPE/1439/B are integral part of EU type-examination certificate. The information laid down in the attachments are the basis for the issuance of the present certificate.

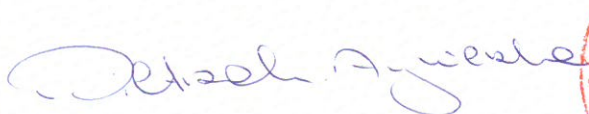
The manufacturer or the authorised representative shall inform NB 1439 of all modifications to the approved type and all modifications of the technical documentation that may affect the conformity of the PPE with the applicable health and safety requirements or the conditions of validity of the certificate.

**The certification was granted on 8 March 2022**

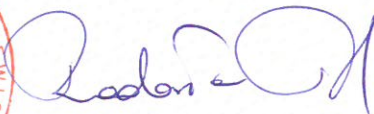
**The certificate is valid until 7 March, 2027**

*Head of Department of Leather Products Certification*

*Director of Lukasiewicz – Lodz Institute of Technology*



*Agnieszka Pietrzak, MSc Eng.*



*Radosław Dziuba, PhD*

Lodz, 24 October, 2022

**NOTIFIED BODY No. 1439**

**SIEĆ BADAWCZA ŁUKASIEWICZ – ŁÓDZKI INSTYTUT TECHNOLOGICZNY**  
90-570 Łódź, POLAND  
ul. Marii Skłodowskiej-Curie 19/27  
tel. +48 42 30 70 901  
www.lit.lukasiewicz.gov.pl

**DZIAŁ CERTYFIKACJI WYROBÓW SKÓRZANYCH**  
91-462 Łódź, POLAND  
ul. Zgierska 73  
tel.: +48 42 25 36 128  
e-mail: iso@lit.lukasiewicz.gov.pl

**1. Description of the personal protective equipment**

PPE:		safety footwear, antistatic, ESD	
Type identification		CONSTRUCT 01-010851H; CONSTRUCT 01-010864H; CONSTRUCT 01-010906H	CONSTRUCT W 01-010877H; CONSTRUCT W 01-010887H; CONSTRUCT W 01-010907H
Design:		B - ankle boot	
		according to the EN ISO 20345:2011, 5.2	
Mounting system:		direct injection PU/RUBBER	
Size		35÷51	35÷41
		(French size UNISEX):	(French size woman's):
Colour	- upper - outsole - toe cap - counter - inserts	- black - black - black - black - black	
Classification:		I - according to the EN ISO 20345:2011, 4	
Risk category:		II - according to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC - Annex I	

**2. Photo of the personal protective equipment**

**CONSTRUCT 01-010851H;  
CONSTRUCT W 01-010877H;**



**CONSTRUCT 01-010864H;  
CONSTRUCT W 01-010887H;**



**CONSTRUCT 01-010906H;  
CONSTRUCT W 01-010907H;**



**PU/RUBBER outsole on the CONSTRUCT form**



## 3. Characteristic of the personal protective equipment

USED MATERIALS		
CONSTRUCT 01-010851H; CONSTRUCT W 01-010877H; CONSTRUCT 01-010864H; CONSTRUCT W 01-010887H	Vamp, collar and tongue insert	smooth grain cowhide w/r / covered smooth split leather w/r
	Counter	cowhide leather (foil)
	Tongue, collar, counter insert	fabric/two-ply material w/r
	Vamp, quarter and tongue lining	distance knitted fabric
CONSTRUCT 01-010864H; CONSTRUCT W 01-010887H	Vamp interlining and filling the lower tongue	Thinsulate insulation
CONSTRUCT 01-010906H; CONSTRUCT W 01-010907H	Vamp, upper, upper tonque, counter and upper insert, extention piece	smooth grain cowhide w/r / covered smooth split leather w/r
	Lower tongue	fabric/two-ply material w/r
	Collar	split grain cowhide
	Collar pad	reflective tape
	Counter	cowhide leather (foil)
	Vamp and quarter lining	distance knitted fabric, PTFE vapor permeable membrane laminated with polyamide knitted fabric / three-layers materials with a membrane / membrane vapor-permeable
	Collar and upper tonque lining	distance knitted fabric
Toe cap	cowhide leather covered with foil/ cattle leather w/r	
Seat region lining	fabrics	
Insocks	profiled material	
Insole	anti-penetration material	
Toe protection	polycarbonate	
Outsole molder	rubber h/r	
Midsole	PU	
Information on the used materials is included in the manufacturer's technical documentation		

**PROTECTIVE PROPERTIES**

Safety antistatic, ESD footwear, models CONSTRUCT 01-010851H; CONSTRUCT W 01-010877H; CONSTRUCT 01-010864H; CONSTRUCT W 01-010887H; CONSTRUCT 01-010906H; CONSTRUCT W 01-010907H meet to the basic requirements and to the appropriate additional requirements of the EN ISO 20345:2011 standard:

**S3** – basic requirements and closed seat region, antistatic properties, energy absorption of seat region, resistance to fuel oil, water penetration and absorption, penetration resistant, coated outsole

**CI** – cold insulation of sole complex

**HI** – heat insulation of sole complex

**WR** - water resistance

**HRO** – resistance to hot contact

**SRC** – slip resistance on ceramic tile floor with NaLS and on steel floor with glycerine

Textiles used as linings of the vamp and quarter meet requirements of water resistance:

- distance knitted fabric, PTFE vapor permeable membrane laminated with polyamide knitted fabric: results of the water resistant test: **1050 [cmH<sub>2</sub>O]**, the test was carried out in accordance to EN ISO 811:2018-07
- three-layer fabric with Tepor-Spigato membrane; results of the water resistant test: **850 [cmH<sub>2</sub>O]**, the test was carried out in accordance to EN ISO 811:2018-07
- laminate R4505A/145/CZAR./D+PS3.0+MT2+D: results of the water resistant test: **>1000 [cmH<sub>2</sub>O]**, the test was carried out in accordance to EN 20811:1997
- lining fabric, results of the water resistant test: **1100 [cmH<sub>2</sub>O]**, the test was carried out in accordance to EN ISO 811:2018-07

**4. Basic of the conformity assessment**

<b>REGULATION</b>		
Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC		
<b>STANDARDS</b>		
<i>EN ISO 20345:2011 Personal protective equipment. Safety footwear</i>		
<i>EN ISO 20344:2011 Personal protective equipment. Test methods for footwear</i>		
<i>EN 61340-5-1:2016, 5.3.3 Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements</i>		
<b>TESTS AND CERTIFICATES</b>		
Document No.	Date	Identification of the institution issuing the document
217a/2013/LG	15.05.2013	Tanning Laboratory, Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź, Poland
217b/2013/LG	16.05.2013	
235/2015/LG	07.10.2015	
496/2018/LG	12.12.2018	
595/2019/LG	27.09.2019	
650/2019/LG	04.10.2019	
750/2019/LG	05.12.2019	
751/2019/LG	05.12.2019	
121a/2020/LG	24.03.2020	
39/2020/LG	07.02.2020	
120/2020/LG	24.03.2020	
277/2020/LG	21.07.2020	
412/2020/LG	11.09.2020	
512/2020/LG	15.10.2020	
659a/2020/LG	10.12.2020	

116/2021/LG	30.04.2021		
155/2021/LG	24.06.2021		
195/2021/LG	23.07.2021		
260/2021/LG	24.09.2021		
64/2020/LO	21.04.2020	Footwear Laboratory, Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź, Poland	
12/2021/LO	27.01.2021		
18/2021/LO	12.02.2021		
44/2021/LO	12.04.2021		
45/2021/LO	22.04.2021		
201/2021/LO	09.12.2022		
111/2021/LO	29.07.2021		
4/2022/LO	04.02.2022		
21/2022/LO	14.02.2022		
76/2022/BL-BO	26.05.2022		Footwear Research Laboratory, Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź, Poland
164/2022/BL-BO	06.10.2022		
40-LBŚ/461/G/20	03.08.2020	Products, Processes and Environment Laboratory; Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź; Poland	
173/2013	10.05.2013	Laboratory of Metrological Research; Institute of Security Technologies „MORATEX”; Łódź Poland	
168/2020	27.04.2020		
526/2021	15.09.2021		
715/2021	15.12.2021		
S-112/E/2021	07.12.2021	Laboratory of Dangerous Properties of Materials; Łukasiewicz – Instytut Przemysłu Organicznego; Warszawa; Poland	
R-1341324	12.07.2019	EMI-TUV SUD Kft.; TUV SUD Group; KERMI Department; Budapeszt; Hungary	
C-20029157	28.02.2020	INESCOP; Poligonto Industrial Campo Alto. C/ Alemania; Alicante, Spain	
RP 2017/2806-1-RP-3	07.12.2017	CIMAC; Centro Tessile Cottoniero Abbigliamento S.P.A; Busto Arsizio; Milano; Italy	
RP 2018/1609-1-RP-1	15.06.2018		
SE-06287	13.07.2021	CTC; Arnedo; La Rioja; Spain	
N. 5984P17	21.12.2017	PONTLAB S.R.L.; Pontedera; Italy	
<b>TECHNICAL DOCUMENTATION ATTACHED TO THE APPLICATION FOR THE EU TYPE-EXAMINATION</b>			

Lodz, 24.10.2022



M.Sc. Eng. Agnieszka Pietrzak

**1. Description of the personal protective equipment**

PPE:		<b>safety footwear, antistatic:</b>	
Type identification	<b>CONSTRUCT 01-010940H</b> <b>CONSTRUCT 01-010951H</b> <b>CONSTRUCT 01-010953H</b> <b>CONSTRUCT 01-010956H</b>		<b>CONSTRUCT W 01-010941H</b>
Design:		<b>B - ankle boot</b>	
		according to the EN ISO 20345:2011, 5.2	
Mounting system:		<b>direct injection PU/RUBBER</b>	
Size		<b>35÷51</b>	<b>35÷41</b>
		<i>(French size UNISEX):</i>	<i>(French size woman's):</i>
Colour	<ul style="list-style-type: none"> <li>- upper</li> <li>- outsole</li> <li>- toe cap</li> <li>- counter</li> <li>- inserts</li> </ul>	<ul style="list-style-type: none"> <li>- <b>black</b></li> <li>- <b>black</b></li> <li>- <b>black</b></li> <li>- <b>black</b></li> <li>- <b>black</b></li> </ul>	
Classification:		<b>I - according to the EN ISO 20345:2011, 4</b>	
Risk category:		<b>II - according to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC - Annex I</b>	

**2. Photo of the personal protective equipment**

**CONSTRUCT 01-010940H;**  
**CONSTRUCT W 01-010941H:**



**CONSTRUCT 01-010951H**



**CONSTRUCT 01-010953H****CONSTRUCT 01-010956H****PU/RUBBER outsole on the CONSTRUCT form****3. Characteristic of the personal protective equipment**

<b>USED MATERIALS</b>		
CONSTRUCT 01-010940H; CONSTRUCT W 01-010941H	Vamp, upper, upper tonque, counter and upper insert, extention piece	smooth grain cowhide w/r / covered smooth split leather w/r
	Lower tongue	fabric/two-ply material w/r
	Collar	split grain cowhide
	Collar pad	reflective tape
	Collar and upper tonque lining	distance knitted fabric
CONSTRUCT 01-010951H	Vamp, collar piece, tongue piece	smooth grain cowhide w/r / covered smooth split leather w/r
	Upper tongue, lower tongue, collar, counter insert	cattle grain milled leather w/r
	Collar and tonque lining	distance knitted fabric
CONSTRUCT 01-010953H;	Vamp, upper, upper tonque, counter and upper insert, extention piece	smooth grain cowhide w/r / covered smooth split leather w/r
	Lower tongue, collar, collar pad	cattle grain milled leather w/r
	Collar and upper tonque lining	distance knitted fabric
	Interlining	warms
CONSTRUCT 01-010956H	Vamp, upper, collar piece, extention piece	smooth grain cowhide w/r / covered smooth split leather w/r
	Upper tongue, lower tongue, collar, counter insert	fabric/two-ply material w/r
	Collar and tonque lining	distance knitted fabric
Counter	cowhide leather (foil) w/r	

Vamp and quarter lining	distance knitted fabric, PTFE vapor permeable membrane laminated with polyamide knitted fabric / three-layers materials with a membrane / membrane vapor-permeable
Toe cap	cowhide leather covered with foil/ cattle leather w/r
Seat region lining	fabrics
Insocks	profiled material
Insole	anti-penetration material
Toe protection	polycarbonate
Outsole molder	rubber h/r
Midsole	PU
Information on the used materials is included in the manufacturer's technical documentation	

<b>PROTECTIVE PROPERTIES</b>
<p><b>Safety antistatic, ESD footwear, models CONSTRUCT 01-010851H; CONSTRUCT W 01-010877H; CONSTRUCT 01-010864H; CONSTRUCT W 01-010887H; CONSTRUCT 01-010906H; CONSTRUCT W 01-010907H</b> meet to the basic requirements and to the appropriate additional requirements of the EN ISO 20345:2011 standard:</p> <p><b>S3</b> – basic requirements and closed seat region, antistatic properties, energy absorption of seat region, resistance to fuel oil, water penetration and absorption, penetration resistant, coated outsole</p> <p><b>CI</b> – cold insulation of sole complex</p> <p><b>HI</b> – heat insulation of sole complex</p> <p><b>WR</b> - water resistance</p> <p><b>HRO</b> – resistance to hot contact</p> <p><b>SRC</b> – slip resistance on ceramic tile floor with NaLS and on steel floor with glycerine</p> <p>Textiles used as linings of the vamp and quarter meet requirements of water resistance:</p> <ul style="list-style-type: none"> <li>- distance knitted fabric, PTFE vapor permeable membrane laminated with polyamide knitted fabric: results of the water resistant test: <b>1050 [cmH<sub>2</sub>O]</b>, the test was carried out in accordance to EN ISO 811:2018-07</li> <li>- three-layer fabric with Tepor-Spigato membrane; results of the water resistant test: <b>850 [cmH<sub>2</sub>O]</b>, the test was carried out in accordance to EN ISO 811:2018-07</li> <li>- laminate R4505A/145/CZAR./D+PS3.0+MT2+D: results of the water resistant test: <b>&gt;1000 [cmH<sub>2</sub>O]</b>, the test was carried out in accordance to EN 20811:1997</li> <li>- lining fabric, results of the water resistant test: <b>1100 [cmH<sub>2</sub>O]</b>, the test was carried out in accordance to EN ISO 811:2018-07</li> </ul>


#### 4. Basic of the conformity assessment

<b>REGULATION</b>		
Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC		
<b>STANDARDS</b>		
<i>EN ISO 20345:2011 Personal protective equipment. Safety footwear</i>		
<i>EN ISO 20344:2011 Personal protective equipment. Test methods for footwear</i>		
<b>TESTS AND CERTIFICATES</b>		
Document No.	Date	Identification of the institution issuing the document
217a/2013/LG	15.05.2013	Tanning Laboratory, Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź, Poland
217b/2013/LG	16.05.2013	
235/2015/LG	07.10.2015	



496/2018/LG	12.12.2018	
595/2019/LG	27.09.2019	
650/2019/LG	04.10.2019	
750/2019/LG	05.12.2019	
751/2019/LG	05.12.2019	
121a/2020/LG	24.03.2020	
39/2020/LG	07.02.2020	
120/2020/LG	24.03.2020	
277/2020/LG	21.07.2020	
412/2020/LG	11.09.2020	
512/2020/LG	15.10.2020	
659a/2020/LG	10.12.2020	
116/2021/LG	30.04.2021	
155/2021/LG	24.06.2021	
195/2021/LG	23.07.2021	
260/2021/LG	24.09.2021	
64/2020/LO	21.04.2020	Footwear Laboratory, Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź, Poland
12/2021/LO	27.01.2021	
18/2021/LO	12.02.2021	
44/2021/LO	12.04.2021	
45/2021/LO	22.04.2021	
201/2021/LO	09.12.2021	
111/2021/LO	29.07.2021	
4/2022/LO	04.02.2022	
21/2022/LO	14.02.2022	
76/2022/BL-BO	26.05.2022	Footwear Research Laboratory, Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź, Poland
164/2022/BL-BO	06.10.2022	
40-LBS/461/G/20	03.08.2020	Products, Processes and Environment Laboratory; Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego, Łódź; Poland
173/2013	10.05.2013	Laboratory of Metrological Research; Institute of Security Technologies „MORATEX”; Łódź Poland
168/2020	27.04.2020	
526/2021	15.09.2021	
715/2021	15.12.2021	
R-1341324	12.07.2019	EMI-TUV SUD Kft.; TUV SUD Group; KERMI Department; Budapeszt; Hungary
C-20029157	28.02.2020	INESCOP; Poligonto Industrial Campo Alto. C/ Alemania; Alicante, Spain
RP 2017/2806-1-RP-3	07.12.2017	CIMAC; Centro Tessile Cotoniero Abbigilamento S.P.A; Busto Arsizio; Milano; Italy
RP 2018/1609-1-RP-1	15.06.2018	
SE-06287	13.07.2021	CTC; Arnedo; La Rioja; Spain
N. 5984P17	21.12.2017	PONTLAB S.R.L.; Pontedera; Włochy
<b>TECHNICAL DOCUMENTATION ATTACHED TO THE APPLICATION FOR THE EU TYPE-EXAMINATION</b>		

Lodz, 24.10.2022



M.Sc. Eng. Agnieszka Pietrzak