

Certificate

of EU type-examination No. UE/643/2021/1437, edition 1

Name of the product:

Electrically insulating safety helmet "SECRA" H058S
integrated with face shield class 2, ARC-E40HT

Type (varieties):

SECRA-2, Model: H058S-2 ARC-E40HT

Name and address of the manufacturer:

"Hubix" Sp. z o.o.
Główna 43, Huta Żabiowska
96-321 Żabia Wola
Poland

**The product meets the applicable essential health and safety requirements
included in Regulation (EU) 2016/425 of the European Parliament and of the Council
of 9 March 2016**

Validity period: from 28 July 2021 to 27 July 2026

Head of the Centre
for Certification of Personal
Protective and Working Equipment

A. Stefko

Agnieszka Stefko M.Sc.(Eng.)

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signature of the certificate issuer's representative

Warsaw, date 28 July 2021

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Product description:

The electrically insulating safety helmet "SECRA" H058S integrated with the face shield of class 2, ARC-E40HT, type SECRA-2 model H058S-2 ARC-E40HT consists of a shell made of ABS, a hoop made of ABS, a chin protector made of polyamide, a headband and nape strap made of polyethylene, a chin strap made of polypropylene, and a face shield (thickness of 1.8 mm) made of polycarbonate. The headband is equipped with an adjustment (increment of 3 mm) system which enables a user to change its length depending on the circumference of the head, at the range between 53 and 63 cm and two levels adjustment system of wearing height. The circumference change is obtained by means of controller with a knob. The face shield is covered with coating which protects against scratches and fog. Optionally, it is possible to mount adapters H058S-AD2 designed for attaching additional accessories.

Image:



Basic parameters:

class, personal protective equipment category, performance level(s) or protection class of the product

Helmet:

- *shock absorption (tested after artificial ageing, wet conditioning and thermal conditioning in temperatures of (-40)°C and (+50)°C)*
- *resistance to penetration (tested after artificial ageing, wet conditioning and thermal conditioning in temperatures of (-40)°C and (+50)°C)*
- *resistance to flame*
- *protection against lateral deformations - symbol LD*
- *protection against molten metal splashes - symbol MM*
- *protection against electrical shock (class 0)*

Eye protection:

- *optical powers, light transmission factor, luminance factor of dispersed light - optical class 2*
- *resistance to medium energy impact (speed of stroke up to 120 m/s, mass of the ball 0.86 g) - symbol B*
- *protection against droplets and splashes of liquids - symbol 3*
- *resistance to UV radiation - symbol 2*
- *level of protection 2-2*
- *face shield with enhanced color recognition: red, yellow, green and blue according to p. 5.3 EN 170:2002 - symbol C*
- *protection against short circuit electric arc - symbol 8*
- *protection against molten metals and hot solids - symbol 9*
- *resistance to fogging - symbol N*

Identification of the submitted documentation:

- *application for EU type-examination No. 737/2021 dated 18.05.2021*
- *agreement on EU type-examination and review of the EU type-examination certificate No. 26/2018/1437, dated 13.09.2018*
- *technical documentation: Electrically insulating safety helmet SECRA-2 type H058S-2 Model: H058S-2 ARC-E40HT, dated 12.05.2021*
- *user's manual dated 12.05.2021*
- *declaration of safety dated 12.05.2021*

Product/product model supplied with the EU type-examination application is compliant with the technical documentation.

The product meets the requirements of harmonised standard/technical specifications:

- *EN 397:2012+A1:2012 "Industrial safety helmets"*
- *EN 50365:2002 "Electrically insulating helmets for use on low voltage installations"*
- *EN 166:2001 "Personal eye protection. Specifications"*
- *EN 170:2002 "Personal eye-protection. Ultraviolet filters. Transmittance requirements and recommended use"*

The product has been additionally tested with regard to:

- protection against thermal hazards of an electric arc - class 2 (box test)
- VLT factor < 50% for class 2
- protection against thermal hazards caused by an electric arc – ATPV = 36 Cal/cm²

in accordance with:

- GS-ET-29:2019-06 “Principles of testing and certification of face shields for electrical work”
- ASTM F2178/F2178M-20 “Standard Test Method for Determining the Arc Rating and Standard Specification for Eye or Face Protective Products”

confirmed by tests performed by:

1. CIOP-PIB, Department of Personal Protective Equipment, Lodz, Poland
2. CIOP-PIB, Department of Safety Engineering, Warsaw, Poland
3. Westenergie AG, Eurotest, Dortmund, Germany
4. Kinectrics Inc, Toronto, Canada

report No.:

1. 607/PB/2017/NO dated 16.11.2017, 677/PB/2017/NO dated 18.12.2017, 240/PB/2021/NO dated 28.05.2021
2. 615/PB/2017/NB dated 15.11.2017, 205/PB-TSB/2021/NB dated 11.03.2021
3. 21_107-1 dated 26.03.2021
4. K-352290-001-R00 dated 06.04.2021

Marking:

- Shell: name, address and logo of the manufacturer: HUBIX; SECRA-2 H058S-2 ARC-E40HT, ABS; EN 397:2012+A1:2012, -40°C, 440Vac, MM, LD, EN 50365:2002 with graphic sign  - class 0; size 53-63 cm; lot No.; month and year of production; month and year of utilization
- Harness: SECRA; size 53-63 cm
- Eye protection: name and logo of the manufacturer HUBIX, level of protection 2C-2 code sign 2B8-2-29N,  1000V, ATPV = 36 Cal/cm²
- Frame: name of the manufacturer: HUBIX; EN 166:2001; code sign 389B

The certificate applies in conjunction with one of procedures of conformity assessment according to C2 module or D module pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016

NOTE 1:

Every modification to the product and its technical documentation to which this certificate pertains should be notified to the Centre for Certification of Personal Protective and Working Equipment of the Central Institute for Labour Protection – National Research Institute.
This certificate shall be valid as long as the above harmonised standard may be applied as a basis for product examination.

NOTE 2:

Forging the content and the markings of the certificate or modifying them (including a photocopy or scan), or using such document as authentic is a crime under Article 270 § 1 of the Criminal Code.

EU DECLARATION OF CONFORMITY

Personal Protective Equipment, category III: Electrically insulating safety helmet with integrated face shield

The manufacturer: HUBIX Sp. z o.o., ul. Główna 43, Huta Żabiowska, 96-321 Żabia Wola, Poland

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration:

Electrically insulating helmet "SECRA" H058S with integrated face shield class 2, ARC-E40HT

Type **SECRA-2**, Variant: **H058S-2 ARC-E40HT**

Product code: **H114.xSEx**

The above-mentioned object of the declaration is in conformity with the provisions of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016.

and harmonized standards:

EN 397:2012+A1:2012 „Industrial safety helmets”

EN 50365:2002 „Electrically insulating helmets for use on low voltage installations”

EN 166:2001 „Personal eye-protection – Specifications”

EN 170:2002 „Personal eye-protection – Ultraviolet filters – Transmittance requirements and recommended use”

and

GS-ET-29:2019-06 „Principles of testing and certification of face shields for electrical work”.

For the object of the declaration, the Notified Body – Central Institute for Labour Protection – National Research Institute, ul. Czerniakowska 16, 00-701 Warsaw, Poland, No 1437, performed the EU type examination (Module B) and issued the EU type-examination certificate No UE/643/2021/1437, edition 1 of 18 July 2021.

Object of the declaration is subject to the conformity assessment procedure to type based on internal production control plus supervised product checks at random intervals (Module C2) under surveillance of the Notified Body – Central Institute for Labour Protection – National Research Institute, ul. Czerniakowska 16, 00-701 Warsaw, Poland, No 1437.

Additional information:

The object of the declaration passed the tests for compliance with the standards:

ANSI/ISEA Z89.1-2014 „American National Standard for Industrial Head Protection” for type I, electric class (E) and lower (LT) and higher (HT) temperature.

ASTM F2178/F2178M-20 „Standard Test Method for Determining the Arc Rating and Standard Specification for Eye or Face Protective Products.” for ATPV = 36 Cal/cm²

Done at: Huta Żabiowska, on: 06 April 2022

Michał Włodarczyk
President of the board