

Certificate

of EC type examination

No. EC/S/2811/2017

extension of the certificate No. EC/S/1938/2012

Product:

Helmet for rescuers

Type (variations):

TYTAN type HOT 101.03

Name and address of the manufacturer/authorised representative:

*Kaliskie Zakłady Przemysłu Terenowego w Kaliszu Sp. z o.o.
Przybrzeżna 37
62-800 Kalisz
Poland*

Name and address of the manufacturer/place of origin:

*Kaliskie Zakłady Przemysłu Terenowego w Kaliszu Sp. z o.o.
Przybrzeżna 37
62-800 Kalisz
Poland*

The product meets the basic safety and health requirements of the Directive 89/686/EEC / the ordinance of the Minister of Economy of 21st December 2005 concerning basic requirements for personal protective equipment (Dz. U. No 259, item 2173)

Period of validity: 14 August 2017 – 13 August 2022

**Head of the Centre
for Certification of Personal
Protective and Working Equipment**
at. Stefko
Agnieszka Stefko M.Sc.(Eng.)

Lodz, 14 August 2017

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Description of product:

Helmet for rescuers TYTAN type HOT 101.03 consists of a shell and a cushioning pad, headband, supporting bands and a chin strap. Helmet shell is made of flame retardant Polyamide PA 6.6, reinforced glass fibers. It is painted with flame retardant enamel (undercoat and topcoat). Cushioning pad is placed inside the shell, in its upper part. It is made of composites based on polyurethane. At the top of the helmet there are vents which can be blocked, supporting bands and headband, made of polyethylene and a three-points chin strap, are also attached to the shell (in the front, lined with leather). Headband can be adjusted stepwise (5 mm) at the range from 52 cm to 66 cm (optional, smoothly). The helmet is equipped with a grip for flashlight. Additional equipment for this helmet includes: a neck guard, a flashlight, a face protector and safety glasses.

Photo:



Basic parameters:

(class, category, protection level)

Helmet:

- shock absorption after conditioning in temperatures (-20)°C, (+35)°C and UV
- resistance to penetration after conditioning in temperatures (-20)°C, (+35)°C and UV
- effectiveness and strength of retention system
- shock absorption after conditioning in temperatures (-20)°C, (+20)°C, (+50)°C and H₂O, UV - EN 397:2012+A1:2012
- resistance to penetration after conditioning in temperatures (-20)°C, (+20)°C, (+50)°C and H₂O, UV - EN 397:2012+A1:2012
- lateral deformation resistance - EN 397:2012+A1:2012
- flame resistance - EN 443:1999
- resistance to contact with liquid chemicals - EN 443:2008

Identification of provided documentation:

- application form EC type examination No. 2663/2017 dated 22.03.2017
- technical documentation: Helmet for rescuers TYTAN type HOT 101.03 dated 11.07.2012
- users manual dated 09.07.2012
- manufacturer's declaration of safety dated 10.07.2012

***The product/model of product provided with the application
for EC type examination is in accordance with technical documentation.***

The product meets the requirements of the harmonized standards:

EN 12492:2012 "Mountaineering equipment. Helmets for mountaineers. Safety requirements and test methods"

EN 397:2012+A1:2012 "Industrial safety helmets" - p. 5.1.1, 5.1.2, 5.2.4

EN 443:1997 "Helmets for firefighters" - p. 5.6

EN 443:2008 "Helmets for fire fighting in buildings and other structures" - p. 4.13.1

Confirmed with the reports performed by:

CIOP - PIB, Department of Personal Protective Equipment, Lodz, Poland

Test report No.:

137/PB/2012/NO dated 30.03.2012, 218/PB/2012/NO dated 11.05.2012, 365/PB/2012/NO dated 19.07.2012

Marking:

Shell: KZPT KALISZ Sp. z o.o., Helmet for rescuers TYTAN type HOT 101.03, EN 12492:2012, size 52-66 cm, data of manufacture

Cradle: KZPT KALISZ Sp. z o.o., size 52-66

NOTICE 1:

All and any product modifications concerning this certificate 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 remains valid until the harmonised standard referred to above can be applied as a basis for product assessment. Should this standard be amended, a notified body will advise a certificate holder on the scope of the introduced modifications and on the date from which a new edition of the standard will be applied to the product assessment process.

NOTICE 2:

Alteration or forgery of the content or the marking of the certificate (a copy or a scan of it) or using such a document as authentic is an offence according to Article 270 § 1 of the Polish Criminal Code.