



**Certificate to
EU type-examination certificate VN615 120733
on Personal Protective Equipment**

(Order VN615 120733.)

Based on the documents submitted and the type examination carried out this is to certify, that the new Personal Protective Equipment (PPE)

firefighting trousers FIRE FIT 2, Art.: 141351

manufactured by

**Rosenbauer International AG
A-4060 Leonding, Paschingerstraße 90**

corresponds to the requirements of the PPE Regulation (EU) 2016/425 as currently in force as currently in force and complies with the applicable essential health and safety requirements. The PPE meets as part of a protective clothing, which only protects the lower body and must be combined with an appropriate jacket, requirements for

Protective clothing for firefighting

according EN 469:2005+A1:2006 performance level Xf2, Xr2, Y2, Z2 and the electrostatic properties according to EN 1149-5:2008

The PPE "FIRE FIT 2, Art.: 141351" fulfills in a combination with the fire fighter jacket „Feuerwehrsutzjacke FIRE FIT 2, Art.: 141350" as well as „Feuerwehrsutzjacke FIRE FIT 2 HUPF, Art.: 141352" (certified with type-examination VN615 120732) the requirements for visibility according EN 469:2005+A1:2006 Pt. 6.14 and Annex B section B.1, B.2 and B.3.

This new PPE will be assigned to **category III**

Technical properties of the PPE are given in the user information. This type examination certificate stays valid until end of September 2021.

Vienna, 10.08.2018

Notified Body 0534

Ing. Judith Pointner

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

Longue durée
Rep. J. Pointner
"Certificate" Page 1 of 1 Pages
to EU type-examination certificate VN615 120733



**Certificate to
EU type-examination certificate VN615 120732
on Personal Protective Equipment**

(Order VN615 120732.4)

Based on the documents submitted and the type examination carried out this is to certify, that the new Personal Protective Equipment (PPE)

firefighting jacket FIRE FIT 2, Art.: 141350
firefighting jacket FIRE FIT 2 HUPF, Art.: 141352

manufactured by

Rosenbauer International AG
A-4060 Leonding, Paschingerstraße 90

corresponds to the requirements of PPE Regulation (EU) 2016/425 as currently in force and complies with the applicable essential health and safety requirements. The PPE complies with the applicable essential health and safety requirements. The PPE fulfils the requirements for

Protective clothing for firefighting

according EN 469:2005+A1:2006 performance level Xf2, Xr2, Y2, Z2 and the electrostatic properties according to EN 1149-5:2008

The PPE „firefighting jacket FIRE FIT 2, Art.: 141350“ fulfills in a combination with the fire fighter trousers "FIRE FIT 2, Art.: 141351" (certified with type-examination VN615 120733) the requirements for visibility according EN 469:2005+A1:2006 Pt. 6.14 and Annex B section B.1, B.2 and B.3.

The PPE „firefighting jacket FIRE FIT 2 HUPF, Art.: 141352“ fulfills the requirements for visibility according EN 469:2005+A1:2006 Pt. 6.14 and Annex B section B.1, B.2 and B.3.

This new PPE will be assigned to **category III**

Technical properties of the PPE are given in the user information. This type examination certificate stays valid until end of September 2021.

Vienna, 10.08.2018

Notified Body 0534
Ing. Judith Pointner

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

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certificate
no. PS 18030004
dated 2018-12-18

Translation In any case the German original shall prevail

This certificate replaces
certificate no. 18030001

European notified body
Identification number 0299

EU Type-Examination Certificate

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

Name and address of the manufacturer: Rosenbauer International AG
Paschinger Str. 90
4060 Leonding
Austria

Product designation: **Face protection for firefighters**

Type: 157350 Face shield transparent
157351 Face shield gold-plated
15735402 Eye protector transparent
15735403 Eye protector tinted

Testing based on: EN 14458:2018-08 (D)

Corresponding report: 18 1 0683

Further details: Prod.-Id. 15 1 0410 / robau / robau/visier heros-titan

Intended purpose:
Application range in the framework of EN 14458 in accordance with
the product marking

APEC FR, visor in the variants clear and gold vaporized / eye
protection in the variants clear and tinted
for fire helmet HEROS-titan, HEROS-smart, HEROS-matrix,
HEROS-xtreme

This product is a personal protective equipment of category III in accordance with the regulation (EU) 2016/425. This EU Type-Examination Certificate authorises the placement of the above mentioned product on the market on the condition that control measures according to module C2 (Annex VII) or module D (Annex VIII) are taken. The product tested complies with the essential requirements of Annex II.

The present certificate is valid until and including: **2023-12-17**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.



Signature Dipl.-Ing. Thiel



PZB01E_KatIII
03.18

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www.zs-bgbau.de



Deutsche
Akkreditierungsstelle
D-ZE-17009-05-00

Example showing the CE marking



To the CE marking of PPE of category III will be added the identification number of the notified body carrying out the control measures.

C E R T I F I C A T E
EU Type-Examination Certificate
Regulation 2016/425/EU
Personal Protective Equipment



Registration No.: BP 60132925 0001

Report No.: 60185329 001

Holder: Rosenbauer International AG
Paschinger Str. 90
4060 Leonding
Österreich

Product: Protective gloves
for fire fighters according EN 659:2003+A1:2008

Identification: SAFE GRIP 3S Article 142740 , knitted cuff, dark blue
SAFE GRIP 3 Article 142750 , long cuff, dark blue
SAFE GRIP 3 Article 142760 , long cuff, beige
Sizes: 6-13
Product details see attachment 1/1
-PPE Category III Product - obligatory monitoring required-

The EU type-examination certificate refers to the above mentioned product. This is to certify that the product complies with the essential requirements of Annex II of the regulation 2016/425/EU. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder is entitled to use this certificate in connection with the declaration of conformity in accordance with Annex IX.

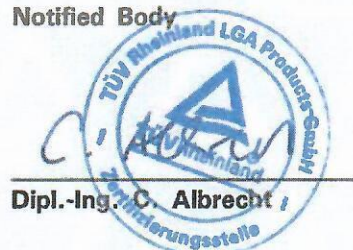
Valid till: 25.09.2023

Date 26.09.2018

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

Konrad Rosenbauer
Magnum *Cyprus*

Notified Body



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Notified by Zentralstelle der Länder für Sicherheitstechnik (ZLS).

Notified under No. **0197** to the EC Commission.

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

TÜV Rheinland
LGA Products GmbH
Tillystraße 2, 90431 Nürnberg

Doc 1/1

Attachment to
Registration No.: BP 60132925 0001
Report No.: 60185329 001

Manufacturer: Rosenbauer International AG
Paschinger Str. 90
4060 Leonding
Österreich

Scope:

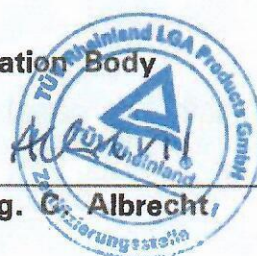
Material composition

Palm: NOMEX®/KEVLAR® with silicone-carbon-coating,
F4082 Si BL, 600g/m², black
Backhand: NOMEX® dark blue or beige, F2006-2PU, 260g/m²
with
heat-and shock-absorbing foam above the ankles
Lining: Lining system, 100% KEVLAR® composite, yellow
Cuff: NOMEX® dark blue or beige, F2006-2PU, 260g/m² /
knitted cuff black NM28/2
Membrane: Gore® Grip Technology

Date: 2018-09-26

Certification Body

Dipl.-Ing. C. Albrecht





Zertifizierungsbericht
zur Ausstellung einer **EG-Baumusterprüfbescheinigung**
Certification Report
drawn up as a basis for issuing an **EC-Type Test Certificate**

Haan, 2015-07-23

Zertifizierungsbericht Nr.: 15 1 0246
Certification report no.:

Bericht zur Bescheinigung Nr.: 15040016
Report relevant to certificate no.:

Auftraggeber/Hersteller: Rosenbauer International AG
Applicant/manufacturer: Paschinger Str. 90
4060 Leonding
Austria

Produktbezeichnung: Feuerwehrhelme mit Gesichtsschutz - Helme für Wald- und
Product designation: Flächenbrandbekämpfung sowie für technische Rettung

Firefighters helmets - Helmets for wildland firefighting and
technical rescue

Typ: HEROS-titan
Type:

Produktidentifizierungscode: 15 1 0246 / robau / heros-titan
Product identification code:

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

*Konnie Bepne
Karl Hapner
Austria*

Seite (page) 1 / 5

**Weitere Angaben zum Produkt/
Bemerkungen:**

*Further product details /
remarks:*

Schutzvorrichtungen und Zubehörteile wie folgt:
safety devices and accessories as follows

1.) Feuerwehrhelme / Firefighting helmets

Feuerwehrhelm HEROS-titan nachleuchtend	157300
<i>Firefighting helmet HEROS-titan luminous</i>	<i>157300</i>
Feuerwehrhelm HEROS-titan tagesleuchtröt	157301
<i>Firefighting helmet HEROS-titan high visibility red</i>	<i>157301</i>
Feuerwehrhelm HEROS-titan tagesleuchtgelb	157302
<i>Firefighting helmet HEROS-titan high visibility yellow</i>	<i>157302</i>
Feuerwehrhelm HEROS-titan blau RAL5015	157304
<i>Firefighting helmet HEROS-titan blue RAL5015</i>	<i>157304</i>
Feuerwehrhelm HEROS-titan schwarz RAL9004	157305
<i>Firefighting helmet HEROS-titan black RAL5015</i>	<i>157305</i>
Feuerwehrhelm HEROS-titan weiß RAL9016	157306
<i>Firefighting helmet HEROS-titan white RAL9016</i>	<i>157306</i>
Feuerwehrhelm HEROS-titan silber RAL9006	157307
<i>Firefighting helmet HEROS-titan silver RAL9006</i>	<i>157307</i>
Feuerwehrhelm HEROS-titan rot RAL3020	157308
<i>Firefighting helmet HEROS-titan red RAL3020</i>	<i>157308</i>
Feuerwehrhelm HEROS-titan gelb RAL1018	157309
<i>Firefighting helmet HEROS-titan yellow RAL1018</i>	<i>157309</i>
Feuerwehrhelm HEROS-titan chrom	157311
<i>Firefighting helmet HEROS-titan blue chrome</i>	<i>157311</i>

2.) Visiere / Visors

Gesichtsschutzvisier transparent	157350
<i>Face shield clear</i>	<i>157350</i>
Gesichtsschutzvisier Goldbedampft	157351
<i>Face shield gold coated</i>	<i>157351</i>
Schutzbrille transparent	157354xx
<i>Eye protector clear</i>	<i>157354xx</i>
Schutzbrille getönt	15735403
<i>Eye protector tinted</i>	<i>15735403</i>

3.) Nackenschutz / Neck protector

Nackenschutz standard	157369
<i>Neck protector standard</i>	<i>157369</i>
Nackenschutz 3 Lagig	15736901
<i>Neck protector 3 layer</i>	<i>15736901</i>
Rundumnackenschutz	157368
<i>Allround neck protector</i>	<i>157368</i>
Rundumnackenschutz 3 Lagig	15736802
<i>Allround neck protector 3 layer</i>	<i>15736802</i>
Nackenschutz Preox	1573690x

4.) Zubehör / Accessory

Helmstreifen 3m Scotchlite 580E / Helmet trims 3m Scotchlite 580E

Farbe rot / color red	157364
Farbe silber / color silver	157365
Farbe gelb / color yellow	157366
Farbe blau / color blue	157367

Helmstreifen 3m Scotchcal / Helmet trims 3m Scotchcal

Farbe rot / color red	15736405
Farbe gelb / color yellow	15736605

Helm-Wärmebildkamera C1	157348
Maskenadapter	157331
Kopfbandummantelung Leder	15737003
Kinnschale Leder	156871
Rasterbänder	156862
HEROS-titan Schutzhaube Nomex	157374
HEROS-titan Schutzhaube Nomex gold	15737401
Helmlampe HL3	157349
Helmlampe UK3A	307859
Helmlampe Parat PX0/PX1	307864X
Helmlampe Femix E05	
Universaladapter Ultra Lux	15736301
Helmlampenhalterung	1566202
Helmlampenhalterung für UK3A	15736303
Helmlampenhalterung für Parat PX1	15736304X
Helmlampenhalterung für Femix E05	15736305

Helmfunkgarnituren / Helmet communication

SAVOX HC1	156651
SAVOX HC2	15665101
SAVOX HCE	156649
SAVOX MPH	156668
Impact com	1566xx
Fire Talk	156653xx
Ceotronics CT FlexCom	156709
Holmco Scorpion	15686323
Halterung für Scorpion	15736302
Halterung für CT FlexCom	15736306
Halterung für FireTalk	15736307

Verwendungszweck, Einsatzbereich:

Entsprechend den Herstellerangaben zum Schutz des Kopfes und des Gesichtes bei Maßnahmen der Brandbekämpfung, zur Wald- und Flächenbrandbekämpfung sowie technischen Rettungsmaßnahmen

Intended purpose, areas of use:

According to the manufacturer's instructions to protect the head and face with measures of firefighting, for wildland fire fighting and technical rescue operations

Diesem Bericht liegen folgende Unterlagen an:

Anlage 1	Prüfbericht Nr. 15 1 0246-1 der Prüf- und Zertifizierungsstelle des FB PSA (15 Seiten)
Anlage 2	Prüfbericht Nr. 15 1 0246-2 der Prüf- und Zertifizierungsstelle des FB PSA (18 Seiten)
Anlage 3	Zertifikat Nr. Z 5770/13-7143/13 Zertifizierungsstelle PSA STFI (1 Seite)
Anlage 4	Zertifikat Nr. 14.0.49622 Zertifizierungsstelle OEKO-TEX (1 Seite)
Anlage 5	Prüfbericht Nr. 1226-PZA-6 der Prüf- und Zertifizierungsstelle Aalen (17 Seiten)
Anlage 6	Kennzeichnung (Label „ HEROS-titan, Größe 49-67 cm") (1 Seite)
Anlage 7	Zubehör und Anbauteile (Herstellerangabe HEROS-titan) (1 Seite)
Anlage 8	Bedienungsanleitung (Verwenderinformation HEROS-titan) (24Seiten)

The following documents are attached to this report:

annex 1	Test report no. 15 1 0246-1 by Prüf- und Zertifizierungsstelle des FB PSA (15 pages)
annex 2	Test report no. 15 1 0246-2 by Prüf- und Zertifizierungsstelle des FB PSA (18 pages)
annex 3	Certificate no. Z 5770/13-7143/13 Zertifizierungsstelle PSA STFI (1 page)
annex 4	Certificate no. 14.0.49622 Zertifizierungsstelle OEKO-TEX (1 page)
annex 5	Test report no. 1226-PZA-06 by Prüf- und Zertifizierungsstelle Aalen (17 pages)
annex 6	Identification (Label „ HEROS-titan, Größe 49-67 cm")(1 page)
annex 7	Accessories and attachments (manufacturer information HEROS-titan) (1 page)
annex 8	User manual (Verwenderinformation HEROS-titan)(24 pages)

Zugrunde liegende Regelwerke:

Richtlinie des Rates 89/686/EWG geändert durch die Richtlinien 93/68/EWG, 93/95/EWG und 96/58/EG in Verbindung mit:

- EN 443:2008-02 (D)
- EN 16471:2015-03 (D)
- EN 16473:2015-03 (D)
- ISO 16073:2011 (E)
- EN 14458:2004-08 (D)

Regulatory documents underlying testing and certification:

Council directive 89/686/EEC changed by the directives 93/68/EEC, 93/95/EEC and 96/58/EC in conjunction with:

- EN 443:2008-02 (D)
- EN 16471:2015-03 (D)
- EN 16473:2015-03 (D)
- ISO 16073:2011 (E)
- EN 14458 :2004-08 (D)

Abweichungen von den Anforderungen der Regelwerke und deren Bewertung:

Keine

Deviations from the requirements of these regulations and their evaluation:

none

In any case, the German text shall prevail.

Anmerkungen:

Kennzeichnung und Benutzeranleitung wurden nur in deutscher Sprache bewertet. Es ist die Verantwortung des Herstellers, bzw. seines autorisierten Bevollmächtigten, Sprachversionen in den jeweiligen Landessprachen der Länder zu beschaffen und bereitzustellen, in denen das Produkt in den Handel gebracht werden soll.

Remarks:

Markings and instructions have been assessed in german language only. It is the manufacturer's or his authorized representative's responsibility to obtain and supply language versions in the languages of the countries where the product is to be sold.

Beurteilung:

Das geprüfte Baumuster entspricht den einschlägigen Bestimmungen der Richtlinie 89/686/EWG (Persönliche Schutzausrüstungen) geändert durch die Richtlinien 93/68/EWG, 93/95/EWG und 96/58/EG.

Die EG-Baumusterprüfbescheinigung kann befristet ausgestellt werden.

Alle Bezüge zu Regelwerken, die nicht als Grundlagen zu diesem Bericht genannt sind, werden eigenverantwortlich vorgenommen.

Hinweis:

Das Inverkehrbringen dieser Persönlichen Schutzausrüstung (PSA) der Kategorie III ist nur zulässig, wenn vertragliche Regelungen mit einer notifizierten Stelle zur Durchführung von Kontrollmaßnahmen der fertigen PSA nach Artikel 11 A oder 11 B der Richtlinie 89/686/EWG bestehen. Sofern diesbezügliche vertragliche Regelungen mit der Prüf- und Zertifizierungsstelle des FB PSA abgeschlossen wurden, ist die Kennnummer 0299 in der CE-Kennzeichnung zu verwenden

Dieser Zertifizierungsbericht besteht aus 5 Seiten und darf nur vollständig verwendet werden.

Assessment of the product:

The tested type complies with the relevant provisions of the directive 89/686/EEC (Personal protective equipment) changed by the directives 93/68/EEC, 93/95/EEC and 96/58/EC.

An EC-Type Test Certificate can be issued for a limited period.

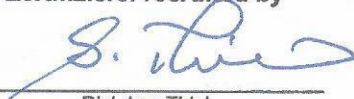
References to any regulations which are not mentioned in this certification report as being a basic document for testing and certification shall only be made at the manufacturer's own responsibility.

Remark:

This personal protective equipment (PPE) of category III shall only be placed on the market, if a contract is concluded with a notified body on production control measures in accordance with article 11 A or 11 B of the EU Directive 89/686/EEC. If such a contract is concluded with the Prüf- und Zertifizierungsstelle des FB PSA, the identification number 0299 shall be added to the CE marking.

This certification report consists of 5 pages and shall only be used with the full text being quoted.

Zertifizierer /certified by


Dipl.-Ing. Thiel



In any case, the German text shall prevail.

certificate
no. **PS 15040016**
dated **2015-07-23**

Translation In any case the German original shall prevail

European notified body
Identification number 0299

EC-Type Test Certificate

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

Name and address of the holder of the certificate: (customer) Rosenbauer International AG
Paschinger Str. 90
4060 Leonding
Austria

Product designation: **Helmets for firefighters with face protection**

konu Lepua
Rep / Mapue Cepreky

Type: HEROS-titan

Testing based on: EN 443:2008-02 (D)
EN 16471:2015-03 (D)
EN 16473:2015-03 (D)
ISO 16073:2011
EN 14458 :2004-08 (D)

Test report: 15 1 0246

Further details: Prod.-Id. 15 1 0246 / robau / heros-titan
Suitable for head size region 49 up to 67 cm
Specifications E2E3C ****, Type B 3b
safety devices and accessories as in the user information

Intended purpose:
According to the manufacturer's instructions to protect the head and face with measures of firefighting, for wildland fire fighting and technical rescue operations

This product is a personal protective equipment of category III in accordance with the directive 89/686/EEC control measures to article 11 are required. The product tested complies with the essential requirements of Annex II of the directive 89/686/EEC (**Personal Protective Equipment**), amended by the directives 93/68/EEC, 93/95/EEC and 96/58/EC.

The present certificate is valid until: **2020-07-22**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.



Signature Dipl.-Ing. Thiel



PZB01E
11.14

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Internet: www.zs-bgbau.de



Deutsche
Akreditierungsstelle
D-ZE-17009-05-01

Example showing the CE marking



To the CE marking of PPE of category III will be added the identification number of the notified body carrying out the control measures.

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

Konrad Lepus
Dep. / Marianne Lepus

certificate
no. PS 18040025
dated 2018-12-18

Translation In any case the German original shall prevail

This certificate replaces
certificate no. 15040016

European notified body
Identification number 0299

EU Type-Examination Certificate

Name and address of the manufacturer: Rosenbauer International AG
Paschinger Str. 90
4060 Leonding
Austria

Product designation: **Helmets for firefighters with face protection**

Type: HEROS-titan

Testing based on: EN 443:2008-02 (D)
EN 16471:2014 (D)
EN 16473:2014 (D)
ISO 16073:2011
EN 14458:2018-08 (D)

Corresponding report: 18 1 0678

Further details: Prod.-Id. 15 1 0246 / robau / heros-titan
Suitable for head size region 49 up to 67 cm
specifications E2E3C ****, Type B 3b
safety devices and accessories as in the user information

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

*Kommission
Dip / Dipl.-Ing.
Cepurba /*

Intended purpose:

According to the manufacturer's instructions to protect the head and face with measures of firefighting, for wildland fire fighting and technical rescue operations

This product is a personal protective equipment of category III in accordance with the regulation (EU) 2016/425. This EU Type-Examination Certificate authorises the placement of the above mentioned product on the market on the condition that control measures according to module C2 (Annex VII) or module D (Annex VIII) are taken. The product tested complies with the essential requirements of Annex II.

The present certificate is valid until and including: **2023-12-17**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.



Signature: Dipl.-Ing. Thiel



PZB01E_KatIII
03.18

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DAKKS

Deutsche
Akkreditierungsstelle
D-ZE-17009-05-00

Example showing the CE marking



To the CE marking of PPE of category III will be added the identification number of the notified body carrying out the control measures.



TÜV AUSTRIA SERVICES GMBH testing, inspection and certification body
accredited by the Austrian Federal Ministry of Economy, Family and Youth



Certificate

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria

Konrad Lepner
Dep. / Manager
Cepreba /

- (1) **EC Type Examination Certificate**
(2) Equipment or protective system intended for use in
potentially explosive atmospheres – Directive 94/9/EC

(3) **TÜV-A 10ATEX0007**

- (4) Equipment: hand- and helmetlamp HL2 Ex
(5) Manufacturer: Rosenbauer International AG
(6) Address: 4060 Leonding, Paschinger Str. 90



- (7) This equipment and any acceptable variation thereto is specified in
the schedule to this certificate and the documents therein referred to.
(8) TÜV AUSTRIA SERVICES GMBH, notified body number 0408 in accordance with article 9 of
Directive 94/9/EC of the European Parliament and Council of 23 March 1994, certifies that this
equipment or protective system has been found to comply with the design and construction of
equipment and protective system intended for use in potentially explosive atmospheres, given in
Annex II of the Directive.
The examination and test results are recorded in confidential report 2010-ET/PZW-EX-0-000216

- (9) Compliance with the Essential Health and Safety Requirements been assured by compliance
with:

EN 60079-0:2006	EN 61241-11:2006
EN 60079-11:2007	EN 61241-0:2006

- (10) If the sign X is placed after the certificate number, it indicates that the equipment or protective
system is subject to special conditions for safe use specified in the schedule to this certificate.
(11) This EC Type examination certificate relates only to the design, examination and tests of the
specified equipment or protective system in accordance with the Directive 94/9/EC. Further
requirements of the Directive apply to the manufacturing process and supply of this equipment
or protective system. These are not covered by this certificate.
(12) The marking of the equipment or protective system shall include the following:



II 2 G Ex Ib IIC T4



II 2 D Ex IbD 21 T 135°C

15.12.2010
Date of issue

Kurt Mayerhofer
Dipl.-Ing. Kurt Mayerhofer
Certification representative

End of validity

The duplication of this document in parts is subject to the approval by TÜV AUSTRIA SERVICES GMBH

TÜV AUSTRIA SERVICES GMBH
Electrical Engineering
1230 Vienna/Austria, Deutschstrasse 10

10ATEX0007e.

Page 1/3

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<http://www.tuv.at>

ZERTIFIKAT | CERTIFICATE | CERTIFICAT | CERTIFICADO | СЕРТИФИКАТ | 證書 | 인증서



TÜV AUSTRIA SERVICES GMBH testing, inspection and certification body
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SCHEDULE

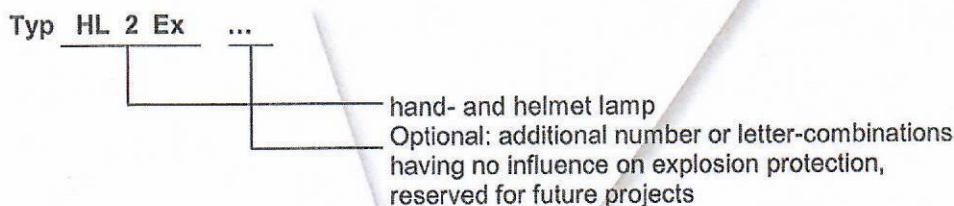
(13)

(14) EC Type Examination Certificate TÜV-A 10ATEX0007

(15) Description of Equipment

The hand- and helmet lamp is accumulator driven electrical equipment with LED as a light source and can be mounted on a helmet. The lamp consists of an enclosure with PCB for control and current limiting and LED diode as light source. The lamp is switched on using the control button on the cover top. Two intensity levels can be set.

Type Variations



Technical Data

The device is battery operated, there are no external electrical connections.

The following LR03 AAA AM4 1,5V alkaline cell types may be used as power sources:

- „Lifecell“
- „Energizer“
- „Power-Stations“
- „ANSMAN Premium“
- „GP ULTRA“ Typ: 24AU
- „Duracell ULTRA“
- „VARTA Industrial MN2400 No.4003“
- „VARTA Professional No. 4203“
- „Powerone – VARTA MN1500 No.4106“

10ATEX0007e

Schedule to EC Type Examination Certificate TÜV-A 10ATEX0007

Page 2/3

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Ambient temperature
-30°C ... +50°C

Electrical Data

$U_N = 4,5 \text{ VDC}$

$P_N = 0,6 \text{ W}$

Mechanical protection

IP 67

(16) Test report

2010-ET/PZW-EX-0-000216

(17) Special conditions

None

Additional indication for use:

The enclosure may be opened and the batteries replaced only outside of the hazardous area.

The ambient temperature range -30°C to +50°C has to be considered.

(18) Basic safety and health requirement

Covered by application of above mentioned standards

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Schedule to EC Type Examination Certificate TÜV-A 10ATEX0007

Page 3/3

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