

(1) EU-TYPE EXAMINATION CERTIFICATE



(2) Equipment and Protective Systems intended for use in
Potentially Explosive Atmosphere - **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number:

TÜV 18 ATEX 8252 X

Issue: 02

(4) Equipment: **WF30RE Flashlight, WH35RE Headlamp**
Type: **WF30RE, WH35RE**

(5) Manufacturer: **Fenixlight Limited.**

(6) Address: **2F/3F, West of Building A, Xinghong Technology Park 111 Shuiku Road,
Fenghuanggang Community Xixiang Street, Bao'an District, Shenzhen City,
518133 Guangdong China.**

(7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC / Ex8252.02 / 18.

(9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN IEC 60079-0: 2018

EN 60079-11: 2012

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment shall include the following:



II 2 G
II 2 D

Ex ib IIC T4 Gb
Ex ib IIIC T130°C Db

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz


Yang Wang

Cologne, 2025-09-12

This EU-Type Examination Certificate without signature and stamp shall not be valid and may be circulated only without alteration.
Extracts or alterations are subject to approval by Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH.
Am Grauen Stein • 51105 Köln • Tel. +49 (0) 221 806-0 • Fax. + 49 (0) 221 806 114

(13)

(14)

Annex to

EU-Type Examination Certificate

TÜV 18 ATEX 8252 X

Issue: 02

(15) Description of Equipment

Equipment and type:

WF30RE Flashlight, WH35RE Headlamp
Type: WF30RE, WH35RE

General product information:

The type of protection of the flashlight /Headlamp is intrinsically safety. They are powered by a single Lithium battery. The flashlight / Headlamp has an aluminium enclosure with degree of protection IP66/IP68 (WF30RE Flashlight) and IP66 (WH35RE headlamp).

This flashlight /Headlamp can be used in Zone 1 and Zone 2, where there is explosive gas mixture belonging to IIA, IIB and IIC; and can be used in combustible dust areas: Zone 21 and Zone 22.

Type code:

WF30RE Flashlight, Type: WF30RE
WH35RE Headlamp, Type: WH35RE

Details of Change:

1. Add new model WH35RE Headlamp.
2. The charging socket of WF30RE Flashlight updated to Type-C socket.
3. The power supply battery of WF30RE has been replaced. WF30RE and WH35RE have same battery type.
4. Changed the circuit of WF30RE but it had no effect on the I.S. type of protection.

Technical data:

Electrical data
Rated voltage: 3.6V

Environmental data
Ambient temperature: -20°C ~ +45°C
Ingress protection: IP66/IP68 (WF30RE Flashlight)
IP66 (WH35RE Headlamp)

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Annex to

(14)

EU-Type Examination Certificate

TÜV 18 ATEX 8252 X

Issue: 02

(16) Test report No.:

GC / Ex8252.02 / 18

(17) **Special Conditions for safe use**

1. Do not open and replace battery when an explosive atmosphere is present.
2. Use only Fenix arb-l21-3000Ex rechargeable li-ion battery.
3. Do not charge the battery in a hazardous location.
4. Use only the specific charger provided by the manufacturer "Fenixlight Limited.".
5. The equipment cannot be used in the hazardous area when the rubber dust caps are broken or missing.

(18) **Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

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