

(1) **EU-Type Examination Certificate**(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres****Directive 2014/34/EU**(3) EU – Type Examination Certificate Number: **IEP 21 ATEX 01003**(4) Product: **Firefighter Torch, Type CV102 Neo**(5) Firm Name: **BRANDBULL POLSKA S.A.**(6) Firm Address: **Ul. Daniszewska 22 C/1, 03-230 Warszawa / POLAND**(7) Manufacturer: **BRANDBULL POLSKA S.A.Oddzial KZPT w Kaliszu**(8) Manufacturer Address: **Ul. Przybrzezna 37 , 62-800 Kalisz / POLAND**

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

(10) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2047 date 01.10.2021.

(11) Compliance with Essential Health and safety requirements has been assured by compliance with ;

**EN IEC 60079-0:2018 , EN 60079-7:2015, EN 60079-11:2012, EN 60079-31:2014**

(10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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

**II 2G Ex eb ib IIB T4 Gb****II 2D Ex tb IIIC T Max 135 °C Db, IP 67****Responsible Person :**Nurettin Terzioglu  
Head of Certification Body**Date of Issue : 05.10.2021**



# IEP ENERGY PETROLEUM INSTITUTE

(13) Certificate Nr: **IEP 21 ATEX 01003**

(14) Description of Equipment: The torch is a part of the equipment of the helmet for firefighters type CV102 Neo and will be used during fire and rescue actions. The torch is designed to be used in fire protecting areas in danger of gas, vapor, mist (G) and dust (D) explosion. Torch light use with alkaline batteries (AA type Duracell, Energizer or Panasonic). The firefighter torch type CV102 Neo shall not be opened in hazardous areas. The firefighter torch type CV102 Neo battery will be change only outside hazardous area. The firefighter torch type CV102 Neo has been evaluated in the contents of IP 67. The firefighter torch led use as Zone 1/2 and Zone 21/22 that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard.

### Technical Parameters :

Type	CV102 Neo
Power	2 x 1.5V
IP Protection Class	IP 67
Ambient Temperature ( $^{\circ}$ C )	( - 30 ~ + 70 ) $^{\circ}$ C

(15) This certificate is in the contents of standards that mentioned in item [ 9 ] It has been accepted that the firefighter torch are manufactured according to the producer instructions and the standards mentioned above.

(16) Information's of mounting instruction manual of the firefighter torch type CV102 Neo , 3 pages approved and date April 2021.

(17) Drawings:

Drawing Nr;	Drawing Name;	Date;
CVN102.009.1	Body	05.2021
CVN102.009.2	Rear Cover	05.2021
CVN102.009.3	Glass	05.2021
CVN102.009.4	Knob	05.2021
CVN102.009.5	Backing of Knob	05.2021
CVN102.009.6	Battery Bridge	05.2021
CVN102.009.7	Peripheral Seal 1	05.2021
CVN102.009.8	Peripheral Seal 2	05.2021
CVN102.009.9	Spring	05.2021
CVN102.009.10	Battery Plate	05.2021
FHR15.39.09	Lens	05.2021
FHR15.39.10	Led Module	05.2021
FHR15.39.11	Neodymium Magnet	05.2021
FHR15.39.15	Connecting Plate	05.2021
FHR15.39.17	Battery Bridge	05.2021

Part inside of firefighter torch type CV102 Neo are indicated in the electric component list Table 1, date May 2021.

**Responsible Person :**

Nurettin Terzioğlu  
Head of Certification Body



**Date of Issue : 05.10.2021**



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