IEP | ENERGY PETROLEUM INSTITUTE

IEP ATEX

(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 24 ATEX 1477X**

(4) Product: **EVFP HH X1 X2 Type Luminaire**

(5) Firm Name: **DÜNYAEKS ELEKTRİK MAK. MÜH. SANAYİ VE TİCARET LİMİTED ŞİRKETİ**

(6) Firm Address: **Mahmutpaşa Mah. Mahmutpaşa Cad. Kardelen Sok. No: 93/D Başiskele / İzmit / KOCAELİ /TÜRKİYE**

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

(8) 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. Ex.RP.10-2962 date 26.08.2024.

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

EN IEC 60079-0:2018, EN 60079-7:2015, 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 mb IIC T6 Gb
II 2D Ex tb IIIC T85 °C Db , IP 66

ENERGY PETROLEUM INSTITUTE · IEP ATEX · NB 2284 · INSPECTION AND CERTIFICATION

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 29.08.2024

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(13) Schedule

(14) Certificate Nr: **IEP 24 ATEX 1477X**

(15) Equipment Description: EVFP-HH X1.X2 type luminaire are designed to be used with flammables and explosives. The luminaire is reinforced with polycarbonate. LED bulbs are used in the fixture. Cable gland diameters are PG9,PG11,PG13,5,PG16 ,PG21,M20,M25,M30,M35,¾" G,½ " G,¼ " G,¾ " NPT,½ " NPT.,¼ " NPT. EVFP-HH X1.X2 type luminaire are used in the Zone 1, Zone 21 danger areas recorded in EN 60079-10-1 and EN 60079-10-2 standards.

Product Coding System:

		X1	X2
TYPES	**EVFP-HH X1.X2**	**Lighting fixture size (mm)**	**lighting fixture power (W)**
		200 mm (min.) -1500 mm (max.)	9 W (min.)-150 W (max.)

Technical Parameters:

Voltage	220 / 230 VAC
Degree of Protection (Housing)	IP66
Ambient Temperature	-20°C to +50°C
Frequency	50 Hz

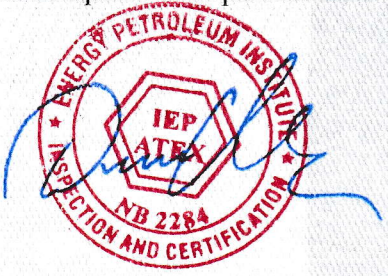
(16) Essential Health and Safety Requirements: Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction. At the installation and the operation of the EVFP-HH X1.X2 type luminaires has to be observed manufacturer's manual 5 page dated 03.01.2024.

(17) Drawings:

Drawing name	Drawing Nr	Date	Revision
EVFP HH Luminaire Component Picture	101017	10.10.2017	00
EVFP HH Assembly Dimension Technical Drawing	101018	10.10.2017	00
EVFP HH Body Technical Drawing	101019	10.10.2017	00
EVFP HH Bottom Cover Technical Drawing	101020	10.10.2017	00
EVFP HH Polycarbonate body Technical Drawing	101021	10.10.2017	00
EVFP HH Shaft Technical Drawing	101022	10.10.2017	00
EVFP HH Reflector Technical Drawing	101023	10.10.2017	00
EVFP HH O-ring Technical Drawing	101024	10.10.2017	00

For the validity of analysis type certificate, the parts that are used in EVFP-HH X1.X2 type luminaires explosion proof is determined in confirmed in the component and part list table 1-2-3 date 16.06.2024.

Responsible Person:
Nurettin Terzioglu
Head of Certification Body



Date of Issue: 29.08.2024

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