

(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 22 ATEX 1034X****(4) Product: STM-22 Type LED Flashlight****(5) Firm Name: SAFETMADE Deniz İnş. Yangın Malz. Tekstil Tarım Hayvancılık
Metal San. Tic. Ltd. Şti.****(6) Firm Address: Meriç Mah. 5748/6 Sokak No:10 Bornova / İZMİR – TURKEY****(7) This equipment or protective system and 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.Rp.Ex.10-2196 date 04.04.2022****(9) Compliance with Essential Health and safety requirements has been assured by compliance with ;****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 or protective system 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 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 1G Ex ia IIC T4 Ga
II 1D Ex ia IIIC T 120 °C Da , IP 68****Responsible Person :****Nurettin Terzioglu
Head of Certification Body****Date of Issue : 07.04.2022****IEP Uluslararası Enerji Petrol Göz., Sertifikasyon ve Teknik Hiz. Org. Tic. Ltd. Sti.
5746/1 Sok. No:9 K:2Bornova - IZMIR / TURKEY****Tel: +90 232 431 17 45 –46 Fax : +90 232 431 17 30 E-mail: iep@iep.com.tr Fr:45
This certificate is granted subject to the general conditions of the IEP Energy Petroleum
Institute. This certificate may only be reproduced in its entirety and without any change,
schedule included. You can check accuracy of this document by www.iep.com.tr.**



IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 22 ATEX 1034X**

(15) Description of Equipment: STM-22 type LED flashlight is a handheld lighting device. The outer casing is made of antistatic plastic and V₀ Polyamide. The flashlight should be used with 3 Duracell, GP, Energizer, Varta, Panasonic brand 1.5 V AAA batteries suitable for the working environment. Different battery cannot be used. There is an internal electronic PCB with a switch and an LED that provides the light output. Flashlight protection class is IP 68. Battery replacement is not done in explosive atmosphere. It should be used in accordance with the instructions for use.

Technical Parameters:

Type	STM-22
Battery / Power Supply U _i	3 x 1.5 V (4.5 V)
Voltage Output V ₀	1.35 V
Current Output I ₀	0.22 A
Power P ₀	0.30 W
IP Protection Class	IP 68
Ambient Temperature	- 20 ~ + 55 °C

(16) Special conditions for safe use : The installation and the operation of the STM-22 type LED flashlight have to confirm to the relevant national regulations.

(17) Essential Health and Safety Requirements : Are included in standards , which are mentioned in clause (9) of this certificate. The products was approved in accordance with above mentioned standards and manufacturer's instruction. At the installation and the operation of the STM-22 type LED flashlight have to be observed manufacturer's user manual 1 page and dated 11.02.2022. The parts list used in the flashlight is specified in the table 1 / 11.02.2022 dated document.

(18) Drawings:

Drawing Nr;	Drawing Name;	Date ;
SC_300_KEF-00	Exploded Drawing	19.08.2021
SC_300_KEF-01	Body	19.08.2021
SC_300_KEF-02	Open Switch	19.08.2021
SC_300_KEF-03	Battery Bottom Nest	19.08.2021
SC_300_KEF-04	Battery Bottom Nest Sheet Metal	19.08.2021
SC_300_KEF-05	Battery Spiral Spring Coil	19.08.2021
SC_300_KEF-06	Barrier	19.08.2021
SC_300_KEF-07	Valve Gasket	19.08.2021
SC_300_KEF-08	Valve Cover	19.08.2021
SC_300_KEF-09	Modular Plastic	19.08.2021
SC_300_KEF-10	LED Centering Nut	19.08.2021
SC_300_KEF-11	LED Cooler	19.08.2021
SC_300_KEF-12	Reflective Body	19.08.2021
SC_300_KEF-13	Sealing Gasket	19.08.2021
SC_300_KEF-14	Front Glass	19.08.2021
SC_300_KEF-15	Front Cover	19.08.2021

Responsible Person :
Nurettin Terzioglu
Head of Certification Body

Date of Issue : 07.04.2022



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi
5746/1 Sk. No:9 K:2 Bornova - IZMIR / TURKEY Tel: +90 232 431 1745 - 46 Fax: +90 232 431 1730 E-mail: iep@iep.com.tr Fr:45

This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute. This certificate may only be reproduced in its entirety and without any change, schedule included. You can check accuracy of this document by www.iep.com.tr.