

Supplement Nr: 01

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 18 ATEX 0581X

(4) Product: ST-23 Type Safetmade Atex Torch

(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.10-1245-1 date 04.04.2022

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

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

(10) If the sign “ X “ is placed after the certificate number , it indicates that the 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 2G Ex eb ib IIB T4 Gb
II 2D Ex tb IIIC T 95 ° C Db , IP 67

Responsible Person :

Nurettin Terzioglu
Head of Certification Body

Supplement Date of Issue: 07.04.2022

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(13) Schedule / Certificate Nr: **IEP 18 ATEX 0581X**

(14) Description of Equipment: The torch type ST-23 is electrical device. Torch type ST-23 led are working with battery. The outer casing is made of antistatic plastic and V₀ Polyamide. Limiting resistor in the circuit board power is available. The outer casing on the lens locking system. Torch light use with alkaline batteries according to the EN 60079-0. The torch type ST-23 shall not be opened in hazardous areas. The torch type ST-23 battery will be change only outside hazardous area. The torch type ST-23 has been evaluated in the contents of IP 67. The torch led use as Zone 1, Zone 2 and Zone 21, Zone 22 that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard.

Technical Parameters:

Voltage input / Output and Min. (DC)	3,2 V / 3 V and 2,2 V
Current input / Output	500 mA / 320 mA
Inductance Lo / Li	2,2 mH / 2 mH
Power P0 / Pi	1,96 W / 0,96 W
Capacitance C0 / Ci	0,100nF / 0,100nF
Ambient temperature (°C)	(- 20 ~ + 55) °C

(16) Special conditions for safe use : The installation and the operation of the ST-23 Type Torch 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 ST-23 Type Torch have to be observed manufacturer's user manual 1 page and dated 16.02.2022

(18) Drawings:

Drawing Nr;	Drawing Name;	Date;
SC_290_OEF-00	Assembly Drawing	21.08.2015
SC_290_OEF-01	Body	27.03.2015
SC_290_OEF-02	Top cover	01.04.2015
SC_290_OEF-03	Chase	13.05.2014
SC_290_OEF-04	Helical Spring	01.04.2015
SC_290_OEF-05	Bottom cover	01.04.2015
SC_290_OEF-06	On / Off Key	21.08.2015
SC_290_OEF-07	Battery Chase Lock	28.05.2015
SC_290_OEF-08	Led Socket Plastic Chase	21.08.2015
SC_290_OEF-09	Led Socket Body	28.05.2015
SC_290_OEF-10	Reflector Body Cooling	19.03.2015
SC_290_OEF-11	Led Flange Chase Sheet Metal	04.04.2015
SC_290_OEF-12	Reflective Body	04.04.2015
SC_290_OEF-13	Gasket	04.04.2015
SC_290_OEF-14	Front Window	04.04.2015
SC_290_OEF-15	Front Cover	06.01.2015
SC_290_OEF-16	Spring	19.09.2015
SC_290_OEF-17	Ring Spring	19.09.2015

Certificate History;

Supplement Nr	Supplement Date	Summary Description of Variation
01	07.04.2022	Company Title Change, Standard Update (EN IEC 60079-0:2018)
00	13.04.2018	First issue of certificate

Responsible Person :
Nurettin Terzioglu
Head of Certification Body

Supplement Date of Issue: 07.04.2022

