

## Supplement Nr: 01

## EU-Type Examination Certificate

- (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 13 ATEX 0182X**

- (4) Product: **Solenoid valve coil, Type C-41**

- (5) Firm Name: **SMS Sanayi Malzemeleri Üretim ve Satış A.Ş.**

- (6) Firm Address: **Bostancı Yolu Kuru Sokak No: 16 Y.Dudullu, Ümraniye - İstanbul / TÜRKİYE**

Factory Address: **Çerkeşli OSB Mahallesi İmes-2 Cad. B Blok No:5 Dilovası - Kocaeli / 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.Rp.Ex.10 – 540-1. date 08.10.2024.

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

**EN IEC 60079-0:2018, EN 60079-18:2015, 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-Unit Verification 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 mb IIC T4 Gb, IP67**  
**II 2D Ex tb IIIC T 135 °C Db**

**Responsible Person :**

Nurettin Terzioğlu  
Head of Certification Body



**Supplement 01 Date of Issue : 10.10.2024**







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## (13) Schedule

(14) Certificate Nr : **IEP 13 ATEX 0182X**

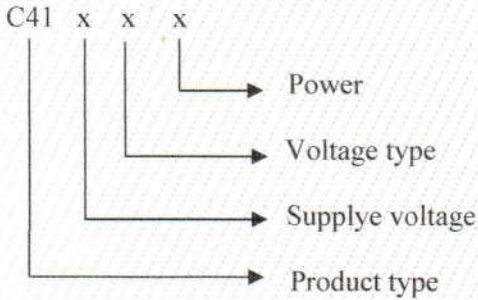
## (15) Description of Equipment:

Solenoid valve coil, Type C-41 xxx series are used with by valves. Enamel wire insulation class 180 degrees. Solenoid valve coil, Type C-41 is equipped with cable series HD 21.13.S1/HD.22.4.S4 .Solenoid valve coil , Type C-41 is protection class of IP 67. Solenoid valve coil, Type C-41 is use as zone 1 and zone 21 that be used danger area determined in the EN 60079-10-1 /2 standard.

## (16) Technical Parameters: Solenoid Valve Coil, Type C-41

Voltage / Power AC	(12 , 24 , 48 , 110 ) VAC / 15 VA(Max) ; 230 VAC / 24 VA(Max)
Voltage / Power DC	( 12,24,48,110 ) VDC / 18 W(Max)
Temperature Class	AC and / DC : T4 Max
IP xy Protection	IP 67 connection with cable
Ambient Temperature ( °C )	- 25 ; + 55
Cable Thickness (Min)	3 x 0,75 mm <sup>2</sup>

## Product Code System:



## (17) Essential Health and Safety Requirements:

The machine mechanical and electrical parts list is Exploded picture table C41.00 and date 07.2024. This certificate is in the contents of standards that mentioned in item (9) It has been accepted that the machine is manufactured according to the producer instructions and the standards mentioned above.

## Responsible Person :

Nurettin Terzioglu  
Head of Certification Body







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(18) Certificate Nr : IEP 13 ATEX 0182X

(19) Special conditions for safe use:

19.1 Assembly and working the machine with other related equipment's must be adapted to national regulations.

19.2 The meaning of X: (IEP 13 ATEX 0182X) To must be installed by authorized personnel according to the user manual and EN 60079-14. Periodic inspection should be carried out by authorized personnel according to EN 60079-17.

19.3 If unauthorized parts and equipment are used in the ATEX certified equipment, the certificate is invalid.

(20) List of documentation:

- User and maintenance manual [24 pages, date July.2024]
- Electrical / Mechanical Part list [Exploded picture table C41.00 and date 07.2024]
- Drawings:

Drawing Nr:	Drawing Name;	Date;
C41.00	Exploded Picture	20.06.2013
C41.00	Label	01.07.2024
KLMYBOBSAG.00	Right coil terminal	16.11.2012
KLMYBOBSAL.00	Right coil terminal	16.11.2012
KSACBOBYS.00	Coil backbend plate	06.06.2013
MKR36BOBIN000.00	Reel winding	13.11.2012
SMN28BBKORM03.00	Coil nut	21.09.2012
TOPRAKBOBKAP.00	Ground terminal	16.11.2012
USACBOBYS.00	U Plate	13.11.2012
MIL28ATEX.00	Shaft	20.06.2013
PA6-1-00	Plastic cable gland	09.10.2013

(21) Parts that are used in solenoid valve coil, Type C-41 are indicated in the unit and technical specifications Exploded picture table C41.00 and date 07.2024.

Certificate History;

Supplement Nr	Supplement Date	Summary Description of Variation
01	10.10.2024	Upgrade to ATEX directive 2014/34/EU, Standard Update, Address Change.
00	02.06.2014	First issue of certificate

Responsible Person :

Nurettin Terzioglu  
Head of Certification Body



Supplement 01 Date of Issue : 10.10.2024

