

Supplement No: 1

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 19 ATEX 0703X**
- (4) Equipment: **FMC-FLEX Type, Electrical Metallic Flexible Tubing**
- (5) Manufacturer: **HACI AYVAZ Endüstriyel Mamuller Sanayi ve Ticaret A. Ş.**
- (6) Address: **Hadımköy Mahallesi Mustafa İnan Cad. No:44 Arnavutköy, İstanbul – TURKEY**
- (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. Şti., 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.10-1477-1 date 04.09.2019.
- (9) Compliance with Essential Health and safety requirements has been assured by compliance with;
EN 60079-0 : 2013 , EN 60079-7 : 2015
- (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 II Gb

Responsible Person :

Nurettin Terzioğlu
Head of Certification Body

Supplement Date of Issue : 05.09.2019





(13) Schedule

(14) Certificate Nr: **IEP 19 ATEX 0703X**

(15) Description of Equipment:

FMC-FLEX type electrical metallic flexible tubing made of stainless steel. Pipes are used as enclosures for the energy input cables of electrical devices such as Exproof e type. The connection parts of the pipe consist of nipple, MUF, nut, crimping bushing. The diameters of the hoses are ½", ¾", 1", 1 ¼", 1 ½", 2". The installation manual as provided by the manufacturer shall be followed in detail in order to ensure proper and safe operation of the electrical metallic tubing.

(IEP 19 ATEX 0703X) X Means: For volume equipment connections, installation with exproof e type glands must be carried out. These glands must have a minimum IP 44 degree.

(16) Essential Health and Safety Requirements :

- 16.1 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.
- 16.2 At the installation manual of the FMC-FLEX type electrical metallic flexible tubing have to be observed manufacturer's user manually dated 28.03.2019 and 9 page.

(17) Specific conditions of use

- 17.1 In order for the hoses to operate in such a way that they do not deform the cables, the minimum bending radius, which is indicated in the operating instructions, must be observed.
- 17.2 The equipotential grounding connection must be connected to the grounding clamp.
- 17.3 Ambient temperature range is -25 °C ~ +90 °C.

(18) List of documentation:

Drawing Nr;	Date;	Drawing Nr;	Date;	Drawing Nr;	Date;
H042PF040	25.03.2019	H042PF035-5	22.03.2019	H042PF038-1	22.03.2019
H042PF041	25.03.2019	H042PF036-1	22.03.2019	H042PF038-2	22.03.2019
H042PF034-1	22.03.2019	H042PF036-2	22.03.2019	H042PF038-3	22.03.2019
H042PF034-2	22.03.2019	H042PF036-3	22.03.2019	H042PF038-4	22.03.2019
H042PF034-3	22.03.2019	H042PF036-4	22.03.2019	H042PF038-5	22.03.2019
H042PF034-4	22.03.2019	H042PF036-5	22.03.2019	H042PF039-1	22.03.2019
H042PF034-5	22.03.2019	H042PF037-1	22.03.2019	H042PF039-2	22.03.2019
H042PF035-1	22.03.2019	H042PF037-2	22.03.2019	H042PF039-3	22.03.2019
H042PF035-2	22.03.2019	H042PF037-3	22.03.2019	H042PF039-4	22.03.2019
H042PF035-3	22.03.2019	H042PF037-4	22.03.2019	H042PF039-5	22.03.2019
H042PF035-4	22.03.2019	H042PF037-5	22.03.2019		

Certificate History:

Supplement N°	Supplement Date	Summary Description of Variation
01	05.09.2019	Product code name change
00	27.05.2019	First issue of certificate

Responsible Person :

Nurettin Terzioglu
Head of Certification Body

Supplement Date of Issue : 05.09.2019

