

- (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 1063X**
- (4) Product: **ODM48 Type Mechanical Flow Meter**
- (5) Firm Name: **MİTES Petrol Ekipmanları ve Ölçüm Sistemleri A.Ş.**
- (6) Firm Address: **Karacaoğlan Mah. Bornova Cad. No:14 / 9 Işıkkent Bornova - İzmir / 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. 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.10-2211 date 11.05.2022.
- (9) Compliance with Essential Health and safety requirements has been assured by compliance with ;  
**EN ISO 80079-36:2016, EN ISO 80079-37:2016**
- (10) If the sign “X “ is placed after the certificate number, it indicates that the protective system is subject to special conditions for 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:

**Ex** II 1/2G Ex h IIA T6 Ga/Gb

**Responsible Person:**

Nurettin Terzioglu  
Head of Certification Body



**Date of Issue : 12.05.2022**





# IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule / Certificate Nr: **IEP 22 ATEX 1063X**

(14) Description of Equipment:

ODM48 type mechanical fuel meter is used to measure the amount of fuel passing through during fuel flow. The counter consists of a non-resettable eight-digit totalizer and a resettable four-digit numerator. Input and output dimensions are 1".

### Technical Specifications :

Type	ODM48
Flow Rate	20 ~ 120 lt/min.
Max. Operating Pressure	3,5 Bar
Ambient Temperature	(-30 ~ +60) °C

(IEP 22 ATEX 1063X) X means: Installation and periodic maintenance should be done according to the user manual and related standards. Installation and maintenance should be done by an authorized firm or personnel. The certificate becomes invalid if there is an unapproved revision or part replacement.

(15) Drawings:

Drawing Nr ;	Drawing Name;	Date ;
01	Lower Body	12.11.2021
02	Upper Body	12.11.2021
03	O-ring	12.11.2021
04	Meter Set	12.11.2021
05	Adjusting Lever	12.11.2021
06	Oval Gear	12.11.2021
07	Pressure Palette	12.11.2021
08	Gear Shaft	12.11.2021
09	Plastic Plate	12.11.2021
10	Pin	12.11.2021
11-12	Gear Pin 1-2	12.11.2021
13-14-15-16-17	Gear Parts	12.11.2021
18	Cover	12.11.2021
19	Exploded Drawing	12.11.2021

Risk Analysis Report: 2 page, date 17.12.2021

(17) The mechanical flow meter is user manual date 17.12.2021 ( 8 page ). This certificate is in the contents of standards that mentioned in item [ 9 ]. It has been accepted that ODM48 type mechanical flow meter is manufactured according to the producer instructions and the standards mentioned above.

(18) For the validity of analysis unit verification certificate, the parts that are used in mechanical flow meter is determined in confirmed the equipment list technical file section table 1 dated 17.11.2021.

Responsible Person:

Nurettin Terzioglu  
Head of Certification Body



Date of Issue :12.05.2022

