

- (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 1039X**
- (4) Product: **MVR Type Pressure Vacuum Vent**
- (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.10-2124 date 28.01.2022.
- (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:



**Responsible Person:**

Nurettin Terzioglu  
Head of Certification Body



**Date of Issue : 04.02.2022**





# IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 22 ATEX 1039X**

(15) Description of Equipment:

MVR type 2" pressure vacuum vent used to balance and protect the vapor pressure (pressure and vacuum) created in the tank by filling the fuel tanks or by the suction of the pump. The body is made of aluminum and the filter is made of stainless steel. As a working principle, when the ventilator whose valve is closed to the atmosphere reaches a certain pressure value, it discharges the air trapped in the tank to the atmosphere. On the other hand, while the fuel is supplied by the pump, the air valve that needs to enter the tank opens, allowing the fuel vapor to be controlled safely.

### Technical Specifications :

Type	MVR
Nominal Diameter	2 Inch
Opening Pressure	32 Mbar ~ 14 Mbar
Air Filter	Available
Flame Arrester	Not Available
Dimensions	10 × 10 × 13 cm
Ambient Temperature	(-30 ~ +60) °C

(IEP 22 ATEX 1039X) X means: Installation and periodic maintenance should be done by authorized personnel according to the manual. It is installed in the vent pipe outlets of the fuel tanks at fuel stations. It is used only for fuels in fuel stations. Part or material change invalidates the certificate.

(16) Drawings:

Drawing Nr ;	Drawing Name;	Date ;
21-A1-20-01	M5x25 Bolt	12.11.2021
21-A1-20-02	Cover Sheet	12.11.2021
21-A1-20-03	Body Cover	12.11.2021
21-A1-20-04	Filter	12.11.2021
21-A1-20-05	Body	12.11.2021
21-A1-20-06	Body Bottom	12.11.2021
21-A1-20-07	Spring Absorber	12.11.2021
21-A1-20-08	Spring (B)	12.11.2021
21-A1-20-09	Valve Bushing	12.11.2021
21-A1-20-10	Spring (K)	12.11.2021
21-A1-20-11	Valve	12.11.2021

(17) The vents are mounting manual date 24.12.2021 ( 3 page ). This certificate is in the contents of standards that mentioned in item [ 9 ] It has been accepted that MVR type 2" pressure vacuum vent 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 pressure vacuum vent 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 :04.02.2022**



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi  
5746/1 Sk. No:9 K:2 Bornova - İZMİR / 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](http://www.iep.com.tr).