

(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 21 ATEX 0945U**

(4) Product: **M-NP Series Nipple, M-EM Series Couplings**

(5) Firm Name: **MSM Mühendislik Elektromekanik San. Tic. Ltd. Şti.**

(6) Firm Address: **Barbaros Mah. Millet Cad. No : 38 Ataşehir / İSTANBUL - TURKEY**

(7) This product any of acceptable variation there to 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.10-1952 date 01.06.2021.

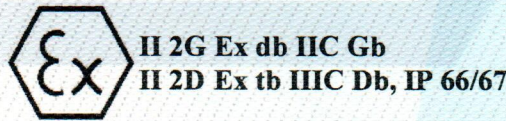
(9) Compliance with Essential Health and safety requirements has been assured by compliance with;

EN IEC 60079-0:2018 , EN 60079-1:2014 , EN 60079-31:2014

(10) The sign “U” placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(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 Terzioğlu
Head of Certification Body



Date of Issue : 04.06.2021





IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: IEP 21 ATEX 0945U

(15) Technical Details: M-NP series nipple, M-EM series couplings

The nipples and couplings are made of galvanized carbon steel.

The nipples, and couplings standard threads types are Metric ISO 965/1, Gas DIN 259 and NPT ANSI ASME B 1.20.1. Thread type size 9 type (from ½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 4")

Service temperature: -40 °C ~ +60 °C

(16) Special Conditions for Safe Use (denoted by U after the certificate number)

16.1 The coupling of the fittings with the conduits or the enclosures shall be made as indicated by the manufacturer in the documents annexed to this certificate in order respect the type of protection of the electrical apparatus on which the fittings are mounted.

16.2 The fittings shall be mounted in the electrical apparatus in such a way that accidental rotation and loosening will be prevented. It is the final assemblers/users responsibility to ensure the threaded joint between the fittings and the associated enclosure meet all the requirements of the applicable standards for the assembly.

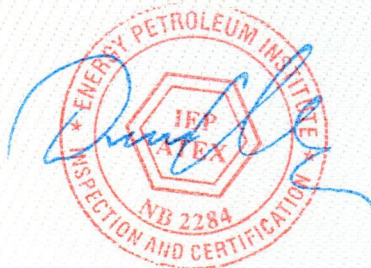
16.3 The maximum current for each conductor which cross-through the fittings shall be established taking into account the heating caused by the current flowing through it, the heating of the enclosure on which the fittings are mounted and the maximum permissible ambient temperature.

(17) Essential Health and Safety Requirements of Annex II: This certificate is in the contents of standards that mentioned in item (9) It has been accepted that M-NP series nipple, M-EM series couplings, are manufactured according to the producer instructions and the standards mentioned above.

(18) Drawings:

Drawing Nr;	Drawing Name;	Date;
M-NP-N	NP Series Nipple	15.05.2021
M-NP-M	NP Series Nipple	15.05.2021
M-NP-G	NP Series Nipple	15.05.2021
M-EM-N	EMU Series Couplings	15.05.2021
M-EM-M	EMU Series Couplings	15.05.2021
M-EM-G	EMU Series Couplings	15.05.2021
M-EM-NP 01	Label	15.05.2021

Responsible Person :
Nurettin Terzioğlu
Head of Certification Body



Date of Issue : 04.06.2021

