

Supplement Nr: 03

- (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 15 ATEX 0333 U**
- (4) Product: **Ranges of Adaptors, Reducers and Stopping Plugs**
- (5) Firm Name: **Ortaçlar Elektrik Sanayi ve Ticaret Limited Şirketi**
- (6) Firm Address: **Hadımköy Mah. İbni Sina Cad. No:9 Arnavutköy / İSTANBUL - TURKEY**
- (7) This product and 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.10-780-3 date 17.06.2022.
- (9) Compliance with Essential Health and safety requirements has been assured by compliance with;
EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015, 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:



I M2 Ex db I Mb / I M2 Ex eb I Mb
II 2G Ex db IIC Gb / II 2G Ex eb II Gb
II 1D Ex ta IIC Da

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Supplement 03 Date of Issue: 21.06.2022





IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 15 ATEX 0333 U**

(15) Technical Details: The ranges of adaptors, reducers and stopping plugs

Series / Name	Thread Size AG / IG (Entry /Other)	Thread System
AP / Adaptors	NPT1/4".... NPT 4" / M12x1,5 M 110x1,5	NPT/M(AG/IG)
	M12x1,5.... M 110x1,5 / NPT1/4".... NPT 4"	M / NPT(AG/IG)
	M12x1,5.... M 110x1,5 / M12x1,5 M 110x1,5	M/M(AG/IG)
	NPT1/4".... NPT 4" / NPT1/4".... NPT 4"	NPT/NPT(AG/IG)
RC / Reducers	M16x1,5.... M 110x1,5 / NPT1/4".... NPT 3"	M / NPT(AG/IG)
	NPT3/8".... NPT 4" / M12x1,5 M 90 x1,5	NPT/M(AG/IG)
	M16x1,5.... M 110x1,5 / M12x1,5 M 90x1,5	M/M(AG/IG)
	NPT3/8".... NPT 4" / NPT1/4".... NPT 3"	NPT/NPT(AG/IG)
TK / Stopping Plugs (Hexagon)	G 1/4".... G 4"	G
	M12x1,5.... M 110x1,5	M
	NPT1/4".... NPT 4"	NPT
	PG 7.... PG 48	PG
TO / Stopping Plugs (Allen)	G 1/4".... G 4"	G
	M12x1,5.... M 90x1,5 and M100x1	M
	NPT1/4".... NPT 4"	NPT
	PG 7.... PG 48	PG
TS / Stopping Plugs (Allen cabbed)	G 1/4".... G 4"	G
	M16x1,5.... M 75x1,5 and M90x2, M90x2	M
	NPT1/4".... NPT 4"	NPT
	PG 7.... PG 48	PG

Temperature of Isolation:

NBR sealing ring : (-30 ; + 120) °C

Neoprene sealing ring : (-40 ; + 100) °C

Silicon sealing ring : (-60 ; + 180) °C

(16) Description of Equipment: The range of adaptors, reducers and stopping plugs are manufactured from metallic material and are used to convert an existing cable entry aperture to another thread form and/or size in an enclosure. They comprise a hollow hexagonal body, partly threaded from both ends, one end having a male thread and the other a female thread. Additionally, they may be used to convert an existing cable entry aperture to a different thread form and/or size. When structured as an adaptor the female thread is larger than the male thread, a maximum of two 'standard' size differences is allowed. When structured as a reducer the female thread is smaller than the male thread. The adaptors and reducers may also be fitted with an optional O-ring seal. The range of adaptors with entry thread form sizes, intended for mounting to a threaded entry point on either flameproof or increased safety enclosures. They are metallic in manufacture and are used to convert an existing cable entry aperture to the opposite male or female thread form. They comprise a hollow body partly threaded from both sides with either male threads or female threads are each end. Additionally, they may be used to convert an existing cable entry aperture to a different thread form and/or size. Thread combinations are such that a maximum of four 'standard' size differences is maintained. The male threaded adaptors may also be fitted with optional O-ring seals. The range of adaptors, reducers and stopping plugs has been evaluating in the contents of IP 66/68.

Responsible Person:

Nurettin Terzioglu

Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi

5746/1 Sk. No:9 K:2 Bornova - IZMIR / 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.



IEP ENERGY PETROLEUM INSTITUTE

(17) Certificate Nr: **IEP 15 ATEX 0333 U**

(18) List of documentation:

- ◆ The range of adaptors, reducers and stopping plugs user manual [30 pages, dated 15.10.2014]
- ◆ Part 3 : Mounting Pictures and Technical Drawings [14 pages]
- ◆ Part 5 : Certificates and Test Reports [11 pages]
- ◆ Drawings;

Drawing Nr	Drawing Name	Date
Ex-752	Gas Hexagon Stopping Plugs	10.10.2014
Ex-753	Metric Hexagon Stopping Plugs	10.10.2014
Ex-754	NTP Hexagon Stopping Plugs	10.10.2014
Ex-755	PG Hexagon Stopping Plugs	10.10.2014
Ex-756	Metric - Metric Hexagon Reduction	10.10.2014
Ex-757	NPT - NPT Hexagon Reduction	10.10.2014
Ex-758	Metric - NPT Hexagon Adapter	10.10.2014
Ex-759	Metric - NPT Hexagon Adapter	10.10.2014
Ex-760	NPT - Metric Hexagon Adapter	10.10.2014
Ex-761	NPT - Metric Hexagon Adapter	10.10.2014
Ex-762	Metric - Metric Hexagon Enlarger Reduction	10.10.2014
Ex-763	NPT - NPT hexagon Hexagon Enlarger Reduction	10.10.2014
Ex-850	Gas Allen Headed Stopping Plugs	10.06.2015
Ex-851	Metric Hexagon Stopping Plugs	10.06.2015
Ex-852	NPT Allen Headed Stopping Plugs	10.06.2015
Ex-853	PG Allen Headed Stopping Plugs	10.06.2015
Ex-854	NPT Threaded Allen Headed Stopping Plugs	02.06.2015
Ex-855	PG Threaded Allen Headed Stopping Plugs	02.06.2015
Ex-856	Metric Allen Headed Stopping Plugs	02.06.2015
Ex-857	Gas Threaded Allen Headed Stopping Plugs	02.06.2015
Ex-858	NPT- NPT Nipple Adapter	22.06.2015
Ex-859	Metric - Metric Nipple Adapter	22.06.2015
Ex-860	NPT - Metric Nipple Adapter	22.06.2015
Ex-861	Metric - Metric Adapter Coupling	22.06.2015
Ex-862	NPT - Metric Adapter Coupling	22.06.2015
Ex-863	NPT- NPT Adapter Coupling	22.06.2015

The ranges of adaptors, reducers and stopping plugs are indicated in the part list table 1 and date 15.10.2014. This certificate is in the contents of standards that mentioned in item [9] It has been accepted that The ranges of adaptors and reducers are manufactured according to the producer instructions and the standards mentioned above.

Certificate History:

Supplement Nr	Issue Date	Summary Description of Variation
03	21.06.2022	· Upgrade to standard EN IEC 60079-0:2018
02	20.03.2018	· Update to new edition of EN 60079-0:2013, EN 60079-1:2014, EN 60079-7:2015, EN 60097-31:2014 · Upgrade to ATEX directive 2014/34/EU · Change of address
01	11.12.2015	Company name change
00	04.09.2015	First issue of certificate

Responsible Person:
Nurettin Terzioğlu
Head of Certification Body

Supplement 03 Date of Issue: 21.06.2022



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.