



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX EPIL 25.0002U** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-08-20

Applicant: **Imen Tajhiz Tabnak Melal Engineering Company (Ltd.)**
Ground Floor, No. 4826, 4th Alley, Sulehaye Banafsh St., Sahand Industrial State, Islamshahr City, Central District,
Islamshahr County, Tehran Province, Iran
Tehran
Iran, Islamic Republic of

Ex Component: Range of Cable Glands, Stopping Plugs, Reducer and Adapters

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **flameproof enclosures "d", increased safety "e", dust ignition protection by enclosure "t"**

Marking: Ex eb IIC Gb

Ex db IIC Gb

Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

Seyed Mohsen Mirsadri

Position:

CEO and Certification Body Manager

Signature:
(for printed version)

Date:
(for printed version)

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2. This certificate is not transferable and remains the property of the issuing body.
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Certificate issued by:

EPIL Testing, Inspection and Certification
Unit 12, No. 2, Boujari Sefat Dead-End, Corner of Fariman St.,
Bozorgmehr St., Vali-Asr Ave.,
Tehran 1416854523
Iran, Islamic Republic of



Energy & Power Industries Laboratories Co., (U.S.)



IECEx Certificate of Conformity

Certificate No.: **IECEx EPIL 25.0002U**

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Date of issue: 2025-08-20

Issue No: 0

Manufacturer: **Imen Tajhiz Tabnak Melal Engineering Company (Ltd.)**
Ground Floor, No. 4826, 4th Alley, Sulehaye Banafsh St., Sahand Industrial State, Islamshahr City, Central District,
Islamshahr County, Tehran Province, Iran
Tehran
Iran, Islamic Republic of

Manufacturing locations: **Imen Tajhiz Tabnak Melal Engineering Company (Ltd.)**
Ground Floor, No. 4826, 4th Alley,
Sulehaye Banafsh St., Sahand
Industrial State, Islamshahr City,
Central District, Islamshahr County,
Tehran Province, Iran
Tehran
Iran, Islamic Republic of

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Report:

[IR/EPIL/ExTR25.0008/00](#)

Quality Assessment Report:

[IR/EPIL/QAR25.0004/00](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx EPIL 25.0002U**

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Date of issue: 2025-08-20

Issue No: 0

Ex Component(s) covered by this certificate is described below:

HG41 series of non-armoured cable gland

HG52 series of armoured/braided cable gland

HG52L series of armoured Lead sheathed cable gland

HGBE series of Stopping Plugs

HGRC series of Reducer

HGAD series of Adaptor

SCHEDULE OF LIMITATIONS:

Ex Components are not intended to be used alone and require additional consideration when incorporated into equipment or systems.

The cable glands are only suitable for fixed installations. Cables shall be effectively clamped to prevent pulling or twisting.

The coupling of the cable glands to the enclosure and torque values of clamping nut shall be made as indicated by the manufacturer in the documents in order to respect the type of protection of the electrical apparatus on which cable glands are mounted.

The cable gland installation shall be done according to safety manufacturer instructions to maintain degree of protection.

The cable gland installation shall be done in such a way that the temperature at the mounting point will remain within the service temperature ranges declared in this certificate.

If necessary, sealing rings or washers have to be replaced with new ones (original spare parts only).

The cable glands, Reducer, Adaptor and Stopping Plugs are suitable for -30°C to +65°C service temperature range.

The stopping plugs shall not be used with any form of adaptors or reducers

The stopping plugs, reducers and adaptors should be tightened to the torque declared in the installation instructions.

Annex:

[IECEx EPIL 25.0002U issue No. 0.pdf](#)

Annex to Certificate: IECEx EPIL 25.0002U issue No. 0
Applicant: Imen Tajhiz Tabnak Melal
Apparatus: Engineering Company (Ltd.)
Range of Cable Glands, Stopping
Plugs, Reducer and Adapters



Model:

HG41 series of non-armoured cable gland

HG52 series of armoured/braided cable gland

HG52L series of armoured Lead sheathed cable gland

HGBE series of Stopping Plugs

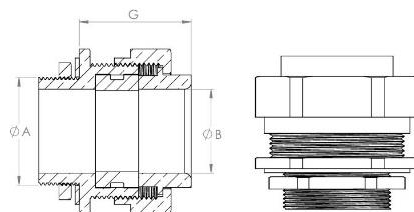
HGRC series of Reducer

HGAD series of Adaptor

Annex to Certificate: IECEx EPIL 25.0002U issue No. 0
Applicant: Imen Tajhiz Tabnak Melal
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Apparatus: Range of Cable Glands, Stopping
Plugs, Reducer and Adapters



Non-armoured cable Gland (HG 41):

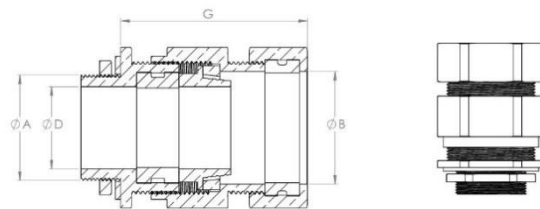


HG 41 Series										
Size Ref	Entry Thread Size (A)		Cable Acceptance Details				G	Hexagon Dimensions		Material
	Metric	NPT	Outer Sheath (B)					Across Flat	Across Corners	
			Standard Seal		Alternative Seal					
			Min	Max	Min	Max				
Os	M20	½"	3.0	8.0	-	-	30.0	25.0	27.5	Brass/Stainless Steel
O	M20	½"	7.0	11.5	-	-	30.0	25.0	27.5	Brass/Stainless Steel
A	M20	¾" or ½"	10.5	14.0	9.0	12.5	30.0	30.0	32.5	Brass/Stainless Steel
B	M25	1" or ¾"	13.5	19.5	11.0	17.0	35.0	36.0	39.5	Brass/Stainless Steel
C	M32	1 ¼" or 1"	19.5	26.5	16.5	23.5	35.0	46.0	50.5	Brass/Stainless Steel
D	M40	1½" or 1¼"	25.5	31.0	22.0	27.5	42.0	55.0	60.6	Brass/Stainless Steel
E	M50	2" or 1 ½"	30.5	43.5	26.5	39.5	45.0	65.0	70.8	Brass/Stainless Steel
F	M63	2 ½" or 2"	43.0	54.5	37.0	48.5	53.0	80.0	88.0	Brass/Stainless Steel
G	M75	3" or 2 ½"	58.0	68.0	48.0	58.0	60.0	95.0	104.0	Brass/Stainless Steel

Annex to Certificate: IECEx EPIL 25.0002U issue No. 0
Applicant: Imen Tajhiz Tabnak Melal
Engineering Company (Ltd.)
Apparatus: Range of Cable Glands, Stopping
Plugs, Reducer and Adapters



Armoured/Braided cable gland (HG 52):

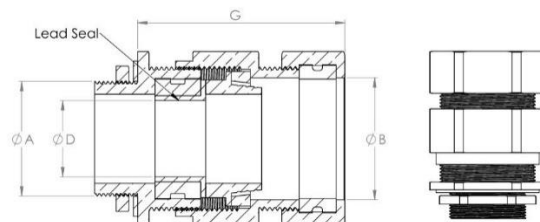


HG 52 Series														
Size Ref	Entry Thread Size(A)		Cable Acceptance Details								G	Hexagon Dimensions		Material
	Metric	NPT	Inner Sheath (D)				Outer Sheath (B)		Armour or Braid			Across Flat	Across Corners	
			Standard Seal		Alternative Seal				Orientation 1	Orientation 2				
			Min	Max	Min	Max	Min	Max						
Os	M20	½"	3.0	8.0	-	-	10.5	16	0.8/1.25	0.0/0.8	55.0	25.0	27.5	Brass/Stainless Steel
O	M20	½"	7.0	11.5	-	-	10.5	16	0.8/1.25	0.0/0.8	55.0	25.0	27.5	Brass/Stainless Steel
A	M20	¾" or ½"	10.5	14	9.0	12.5	14.5	20.5	0.8/1.25	0.0/0.8	55.0	30.0	32.5	Brass/Stainless Steel
B	M25	1" or ¾"	13.5	19.5	11.0	17.0	20	26.5	1.25/1.6	0.0/0.8	60.0	36.0	39.5	Brass/Stainless Steel
C	M32	1 ¼" or 1"	19.5	26.5	16.5	23.5	26.0	33.5	1.6/2.0	0.0/0.8	65.0	46.0	50.5	Brass/Stainless Steel
D	M40	1 ½" or 1 ¼"	25.5	31.0	22.0	27.5	33.0	42.5	1.6/2.0	0.0/0.8	70.0	55.0	60.6	Brass/Stainless Steel
E	M50	2" or 1 ½"	30.5	43.5	26.5	39.5	42.0	52.5	1.8/2.5	0.0/1.0	85.0	65.0	70.8	Brass/Stainless Steel
F	M63	2 ½" or 2"	43.0	54.5	37.0	48.5	52.0	65.5	1.8/2.5	0.0/1.0	95.0	80.0	88.0	Brass/Stainless Steel
G	M75	3" or 2 ½"	58.0	68.0	48.0	58.0	65.0	78.0	1.8/2.5	0.0/1.0	99.0	95.0	104.0	Brass/Stainless Steel

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Applicant: Imen Tajhiz Tabnak Melal Engineering Company (Ltd.)
Apparatus: Range of Cable Glands, Stopping Plugs, Reducer and Adapters



Armoured lead sheathed cable gland (HG 52L):



HG 52L Series														
Size Ref	Entry Thread Size(A)		Cable Acceptance Details								G	Hexagon Dimensions		Material
			Inner Sheath (D)				Outer Sheath (B)		Armour or Braid			Across Flat	Across Corners	
	Standard Seal		Alternative Seal		Orientation 1	Orientation 2								
	Metric	NPT	Min	Max			Min	Max	Min	Max				
O	M20	½"	7.4	9.0	-	-	10.5	16	0.8/1.25	0.0/0.8	55.0	25.0	27.5	Brass/Stainless Steel
A	M20	¾" or ½"	8.5	11.5	-	-	14.5	20.5	0.8/1.25	0.0/0.8	55.0	30.0	32.5	Brass/Stainless Steel
B	M25	1" or ¾"	12.0	17.0	9.5	14.5	20	26.5	1.25/1.6	0.0/0.8	60.0	36.0	39.5	Brass/Stainless Steel
C	M32	1 ¼" or 1"	18.0	23.0	14.0	19.0	26.0	33.5	1.6/2.0	0.0/0.8	65.0	46.0	50.5	Brass/Stainless Steel
D	M40	1 ½" or 1 ¼"	22.5	29.0	18.5	24.0	33.0	42.5	1.6/2.0	0.0/0.8	70.0	55.0	60.6	Brass/Stainless Steel
E	M50	2" or 1 ½"	32.5	40.0	27.5	35.0	42.0	52.5	1.8/2.5	0.0/1.0	85.0	65.0	70.8	Brass/Stainless Steel
F	M63	2 ½" or 2"	42.0	50.0	36.0	44.0	52.0	65.5	1.8/2.5	0.0/1.0	95.0	80.0	88.0	Brass/Stainless Steel
G	M75	3" or 2 ½"	53.0	62.0	44.0	53.0	65.0	78.0	1.8/2.5	0.0/1.0	99.0	95.0	104.0	Brass/Stainless Steel

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Stopping Plug (HGBE):

HGBE Series (Stopping Plug)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	Metric		
HGBE M16	M16x1.5	20	22.5
HGBE M20	M20x1.5	25	27.5
HGBE M25	M25x1.5	30	32.5
HGBE M32	M32x1.5	36	39.5
HGBE M40	M40x1.5	46	50.5
HGBE M50	M50x1.5	55	60.6
HGBE M63	M63x1.5	70	75.8
HGBE M75	M75x1.5	80	88

HGBE Series (Stopping Plug)			
Model	Entry Thread Size	Toll recess	Across corners(mm)
	NPT		
HGBE ½ NPT	½ NPT	12 mm allen key	25
HGBE ¾ NPT	¾ NPT	12 mm allen key	30
HGBE 1 NPT	1 NPT	12 mm allen key	36
HGBE 1¼ NPT	1¼ NPT	12 mm allen key	46
HGBE 1½ NPT	1½ NPT	12 mm allen key	55
HGBE 2 NPT	2 NPT	12 mm allen key	70
HGBE 2½ NPT	2½ NPT	12 mm allen key	80
HGBE 3 NPT	3 NPT	12 mm allen key	100

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Reducer (HGRC):

HGRC Series (Reducer)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	Metric		
HGRC M20xM16	M20x1.5	25	27.5
HGRC M25xM16	M25x1.5	30	32.5
HGRC M25xM20	M25x1.5	30	32.5
HGRC M32xM16	M32x1.5	36	39.5
HGRC M32xM20	M32x1.5	36	39.5
HGRC M32xM25	M32x1.5	36	39.5
HGRC M40xM16	M40x1.5	46	50.5
HGRC M40xM20	M40x1.5	46	50.5
HGRC M40xM25	M40x1.5	46	50.5
HGRC M40xM32	M40x1.5	46	50.5
HGRC M50xM16	M50x1.5	55	60.6
HGRC M50xM20	M50x1.5	55	60.6
HGRC M50xM25	M50x1.5	55	60.6
HGRC M50xM32	M50x1.5	55	60.6
HGRC M50xM40	M50x1.5	55	60.6
HGRC M63xM16	M63x1.5	70	75.8
HGRC M63xM20	M63x1.5	70	75.8
HGRC M63xM25	M63x1.5	70	75.8
HGRC M63xM32	M63x1.5	70	75.8
HGRC M63xM40	M63x1.5	70	75.8
HGRC M63xM50	M63x1.5	70	75.8
HGRC M75xM16	M75x1.5	80	88
HGRC M75xM20	M75x1.5	80	88
HGRC M75xM25	M75x1.5	80	88
HGRC M75xM32	M75x1.5	80	88
HGRC M75xM40	M75x1.5	80	88

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HGRC M75xM50	M75x1.5	80	88
HGRC M75xM63	M75x1.5	80	88

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Imen Tajhiz Tabnak Melal
Engineering Company (Ltd.)
Range of Cable Glands, Stopping
Plugs, Reducer and Adapters



Apparatus:

HGRC Series (Reducer)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	Metric		
HGRC M25x ½ NPT	M25x1.5	30	32.5
HGRC M32x ½ NPT	M32x1.5	36	39.5
HGRC M32x ¾ NPT	M32x1.5	36	39.5
HGRC M40x ½ NPT	M40x1.5	46	50.5
HGRC M40x ¾ NPT	M40x1.5	46	50.5
HGRC M40x 1 NPT	M40x1.5	46	50.5
HGRC M50x ½ NPT	M50x1.5	55	60.6
HGRC M50x ¾ NPT	M50x1.5	55	60.6
HGRC M50x 1 NPT	M50x1.5	55	60.6
HGRC M50x 1 ¼ NPT	M50x1.5	55	60.6
HGRC M63x ½ NPT	M63x1.5	70	75.8
HGRC M63x ¾ NPT	M63x1.5	70	75.8
HGRC M63x 1 NPT	M63x1.5	70	75.8
HGRC M63x 1 ¼ NPT	M63x1.5	70	75.8
HGRC M63x 1 ½ NPT	M63x1.5	70	75.8
HGRC M75x ½ NPT	M75x1.5	80	88
HGRC M75x ¾ NPT	M75x1.5	80	88
HGRC M75x 1 NPT	M75x1.5	80	88
HGRC M75x 1 ¼ NPT	M75x1.5	80	88
HGRC M75x1 ½ NPT	M75x1.5	80	88
HGRC M75x 2 NPT	M75x1.5	80	88

Annex to Certificate:
Applicant:

Apparatus:

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Imen Tajhiz Tabnak Melal
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Range of Cable Glands, Stopping
Plugs, Reducer and Adapters



HGRC Series (Reducer)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	NPT		
HGRC ¾ NPT x 1/2NPT	¾ NPT	30	32.5
HGRC 1 NPT x ½ NPT	1 NPT	36	39.5
HGRC 1 NPT x ¾ NPT	1 NPT	36	39.5
HGRC 1 ¼ NPT x ½ NPT	1 ¼ NPT	46	50.5
HGRC 1 ¼ NPT x ¾ NPT	1 ¼ NPT	46	50.5
HGRC 1 ¼ NPT x 1 NPT	1 ¼ NPT	46	50.5
HGRC 1 ½ NPT x ½ NPT	1 ½ NPT	55	60.6
HGRC 1 ½ NPT x ¾ NPT	1 ½ NPT	55	60.6
HGRC 1 ½ NPT x 1 NPT	1 ½ NPT	55	60.6
HGRC 1 ½ NPT x 1 ¼ NPT	1 ½ NPT	55	60.6
HGRC 2 NPT x ½ NPT	2 NPT	70	75.8
HGRC 2 NPT x ¾ NPT	2 NPT	70	75.8
HGRC 2 NPT x 1 NPT	2 NPT	70	75.8
HGRC 2 NPT x 1 ¼ NPT	2 NPT	70	75.8
HGRC 2 NPT x 1 ½ NPT	2 NPT	70	75.8
HGRC 2 ½ NPT x ½ NPT	2 ½ NPT	80	88
HGRC 2 ½ NPT x ¾ NPT	2 ½ NPT	80	88
HGRC 2 ½ NPT x 1 NPT	2 ½ NPT	80	88
HGRC 2 ½ NPT x 1 ¼ NPT	2 ½ NPT	80	88
HGRC 2 ½ NPT x 1 ½ NPT	2 ½ NPT	80	88
HGRC 2 ½ NPT x 2 NPT	2 ½ NPT	80	88
HGRC 3 NPT x ½ NPT	3 NPT	100	110
HGRC 3 NPT x ¾ NPT	3 NPT	100	110
HGRC 3 NPT x 1 NPT	3 NPT	100	110
HGRC 3 NPT x 1 ¼ NPT	3 NPT	100	110
HGRC 3 NPT x 1 ½ NPT	3 NPT	100	110
HGRC 3 NPT x 2 NPT	3 NPT	100	110
HGRC 3 NPT x 2 ½ NPT	3 NPT	100	110

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Apparatus:

HGRC Series (Reducer)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	NPT		
HGRC ½ NPT x M16	½ NPT	25	27.5
HGRC ¾ NPT x M16	¾ NPT	30	32.5
HGRC ¾ NPT x M20	¾ NPT	30	32.5
HGRC 1 NPT x M16	1 NPT	36	39.5
HGRC 1 NPT x M20	1 NPT	36	39.5
HGRC 1 NPT x M25	1 NPT	36	39.5
HGRC 1 ¼ NPT x M16	1 ¼ NPT	46	50.5
HGRC 1 ¼ NPT x M20	1 ¼ NPT	46	50.5
HGRC 1 ¼ NPT x M25	1 ¼ NPT	46	50.5
HGRC 1 ¼ NPT x M32	1 ¼ NPT	46	50.5
HGRC 1 ½ NPT x M16	1 ½ NPT	55	60.6
HGRC 1 ½ NPT x M20	1 ½ NPT	55	60.6
HGRC 1 ½ NPT x M25	1 ½ NPT	55	60.6
HGRC 1 ½ NPT x M32	1 ½ NPT	55	60.6
HGRC 1 ½ NPT x M40	1 ½ NPT	55	60.6
HGRC 2 NPT x M16	2 NPT	70	75.8
HGRC 2 NPT x M20	2 NPT	70	75.8
HGRC 2 NPT x M25	2 NPT	70	75.8
HGRC 2 NPT x M32	2 NPT	70	75.8
HGRC 2 NPT x M40	2 NPT	70	75.8
HGRC 2 NPT x M50	2 NPT	70	75.8
HGRC 2 ½ NPT x M16	2 ½ NPT	80	88
HGRC 2 ½ NPT x M20	2 ½ NPT	80	88
HGRC 2 ½ NPT x M25	2 ½ NPT	80	88
HGRC 2 ½ NPT x M32	2 ½ NPT	80	88
HGRC 2 ½ NPT x M40	2 ½ NPT	80	88
HGRC 2 ½ NPT x M50	2 ½ NPT	80	88
HGRC 2 ½ NPT x M63	2 ½ NPT	80	88
HGRC 3 NPT x M16	3 NPT	100	110
HGRC 3 NPT x M20	3 NPT	100	110
HGRC 3 NPT x M25	3 NPT	100	110
HGRC 3 NPT x M32	3 NPT	100	110
HGRC 3 NPT x M40	3 NPT	100	110
HGRC 3 NPT x M50	3 NPT	100	110
HGRC 3 NPT x M63	3 NPT	100	110

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HGRC 3 NPT x M75	3 NPT	100	110
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Adaptor (HGAD):

HGAD Series (Adaptor)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	Metric		
HGAD M16xM16	M16x1.5	22	24.5
HGAD M16xM20	M16x1.5	25	27.5
HGAD M20xM20	M20x1.5	25	27.5
HGAD M20xM25	M20x1.5	30	32.5
HGAD M25xM25	M25x1.5	30	32.5
HGAD M25xM32	M25x1.5	36	39.5
HGAD M32xM32	M32x1.5	36	39.5
HGAD M32xM40	M32x1.5	46	50.5
HGAD M40xM40	M40x1.5	46	50.5
HGAD M40xM50	M40x1.5	55	60.6
HGAD M50xM50	M50x1.5	55	60.6
HGAD M50xM63	M50x1.5	70	75.8
HGAD M63xM63	M63x1.5	70	75.8
HGAD M63xM75	M63x1.5	80	88
HGAD M75xM75	M75x1.5	80	88

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Plugs, Reducer and Adapters



HGAD Series (Adaptor)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	Metric		
HGAD M16x ½ NPT	M16x1.5	30	32.5
HGAD M20x ½ NPT	M20x1.5	30	32.5
HGAD M20x ¾ NPT	M20x1.5	36	39.5
HGAD M25x ¾ NPT	M25x1.5	36	39.5
HGAD M25x 1 NPT	M25x1.5	40	42.5
HGAD M32x 1 NPT	M32x1.5	40	42.5
HGAD M32x 1 ¼ NPT	M32x1.5	50	53.5
HGAD M40x 1 ¼ NPT	M40x1.5	50	53.5
HGAD M40x 1 ½ NPT	M40x1.5	55	60.6
HGAD M50x 1 ½ NPT	M50x1.5	55	60.6
HGAD M50x 2 NPT	M50x1.5	70	75.8
HGAD M63x 2 NPT	M63x1.5	70	75.8
HGAD M63x 2 ½ NPT	M63x1.5	80	88
HGAD M75x 2 ½ NPT	M75x1.5	80	88
HGAD M75x 3 NPT	M75x1.5	100	110

Annex to Certificate:
Applicant:

IECEX EPIL 25.0002U issue No. 0
Imen Tajhiz Tabnak Melal
Engineering Company (Ltd.)
Range of Cable Glands, Stopping
Plugs, Reducer and Adapters



Apparatus:

HGAD Series (Adaptor)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	NPT		
HGAD ½ NPT x ½ NPT	½ NPT	30	32.5
HGAD ½ NPT x ¾ NPT	½ NPT	36	39.5
HGAD ¾ NPT x ¾ NPT	¾ NPT	36	39.5
HGAD ¾ NPT x 1 NPT	¾ NPT	40	42.5
HGAD 1 NPT x 1 NPT	1 NPT	40	42.5
HGAD 1 NPT x 1 ¼ NPT	1 NPT	50	53.5
HGAD 1 ¼ NPT x 1 ¼ NPT	1 ¼ NPT	50	53.5
HGAD 1 ¼ NPT x 1 ½ NPT	1 ¼ NPT	55	60.6
HGAD 1 ½ NPT x 1 ½ NPT	1 ½ NPT	55	60.6
HGAD 1 ½ NPT x 2 NPT	1 ½ NPT	70	75.8
HGAD 2 NPT x 2 NPT	2 NPT	70	75.8
HGAD 2 NPT x 2 ½ NPT	2 NPT	80	88
HGAD 2 ½ NPT x 2 ½ NPT	2 ½ NPT	80	88
HGAD 2 ½ NPT x 3 NPT	2 ½ NPT	100	110
HGAD 3 NPT x 3 NPT	3 NPT	100	110

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Applicant: Imen Tajhiz Tabnak Melal
Engineering Company (Ltd.)
Apparatus: Range of Cable Glands, Stopping
Plugs, Reducer and Adapters



HGAD Series (Adaptor)			
Model	Entry Thread Size	Across flat(mm)	Across corners(mm)
	NPT		
HGAD ½ NPT x M20	½ NPT	25	27.5
HGAD ½ NPT x M25	½ NPT	30	32.5
HGAD ¾ NPT x M25	¾ NPT	30	32.5
HGAD ¾ NPT x M32	¾ NPT	36	39.5
HGAD 1 NPT x M32	1 NPT	36	39.5
HGAD 1 NPT x M40	1 NPT	46	50.5
HGAD 1 ¼ NPT x M40	1 ¼ NPT	46	50.5
HGAD 1 ¼ NPT x M50	1 ¼ NPT	55	60.6
HGAD 1 ½ NPT x M50	1 ½ NPT	55	60.6
HGAD 1 ½ NPT x M63	1 ½ NPT	70	75.8
HGAD 2 NPT x M63	2 NPT	70	75.8
HGAD 2 NPT x M75	2 NPT	80	88
HGAD 2 ½ NPT x M75	2 ½ NPT	80	88

Degree of protection (IP code): IP65, IP66

Routine test:

None.