



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEX TUR 17.0001X

Issue No: 0

Certificate history:

Issue No. 0 (2018-01-09)

Status: **Current**

Page 1 of 3

Date of Issue: **2018-01-09**

Applicant: **TOP HI-TECH CO., LTD.**

5F,NO.113,Zhongcheng Rd, Tucheng Dist., New Taipei City 236, Taiwan (R.O.C)
Taiwan

Equipment: **Cable Glands for steel wire armoured cable**

Optional accessory: **THT-2A*UX****

Type of Protection: **"db","eb","tb"**

Marking:

Ex db IIC Gb

Ex eb IIC Gb

Ex tb IIIC Db

Approved for issue on behalf of the IECEX
Certification Body:

Dipl.-Ing. Klauspeter Graffi

Position:

Head of Certification Body

Signature:
(for printed version)

Klauspeter

Date:

2018-01-09

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEX Website.

Certificate issued by:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





IECEX Certificate of Conformity

Certificate No: IECEX TUR 17.0001X Issue No: 0
Date of Issue: 2018-01-09 Page 2 of 3
Manufacturer: TOP HI-TECH CO., LTD.
5F,NO.113,Zhongcheng Rd, Tucheng Dist., New Taipei City 236,
Taiwan (R.O.C)
Taiwan

Additional Manufacturing location(s):

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 electrical apparatus 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

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

TEST & ASSESSMENT REPORTS:

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

Test Report:

[DE/TUR/ExTR17.0001/00](#)

Quality Assessment Report:

[DE/TUR/QAR13.0016/00](#)

[DE/TUR/QAR13.0016/01](#)



IECEx Certificate of Conformity

Certificate No: IECEx TUR 17.0001X

Issue No: 0

Date of Issue: 2018-01-09

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Cable Glands for steel wire armoured cable, type THT-2A*UX**, is designed according to the standard structure of the IEC 60079-0, IEC 60079-1, IEC 60079-7 and IEC 60079-31. The suitable hazardous areas are zone1, zone2, zone21 and zone22.

The cable gland is made by SUS 304. It is used for all types of steel wire armoured cables. The detailed installation instructions are referred to the user manual.

Type cose see annex.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The cable glands shall be applied for armoured cables application only.
2. The cable glands are intended use in service temperature range -40°C ~ 95°C .
3. Cables must be effectively clamped to prevent pulling or twisting.

Annex:

[DE-IECEx_TUR_17.0001_00_Attachment.pdf](#)



Attachment to Certificate
IECEX TUR 17.0001 X
Revision 0

Attachment to Certificate IECEX TUR 17.0001 X

Device: Cable Glands for steel wire armoured cable
Type: THT-2A*UX**

Manufacturer: TOP HI-TECH CO., LTD.

Address: 5F,NO.113,Zhongcheng Rd, Tucheng Dist
New Taipei City 236, Taiwan (R.O.C)

General product information:

Subject and type:

Cable Glands for steel wire armoured cable. Type THT-2A*UX**

Model	THT	2A	N012	U	X	1504	00
	1	2	3	4	5	6	7

1 – Brand name

2 – Designates category of product, 2A = Cable glands for armoured cable.

3 – Tread type, N012 = NPT 1/2", N034 = NPT 3/4"

4 – Accessory type, U = Explosion proof accessories.

5 – Material, X = Stainless steel.

6 – Model name, 1504 = NPT 1/2", 1508 = NPT 3/4"

7 – Series No.