(1) EU-TYPE EXAMINATION CERTIFICATE

(2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number

TÜV 17 ATEX 7797 X

Issue: 00

(4) Equipment: **Cable Glands for steel wire armoured cable**
Type(s): THT-2A*UX Series**

(5) Manufacturer: **TOP HI-TECH CO., LTD.**
(6) Address: **5F,NO.113,Zhongcheng Rd,Tucheng Dist**
New Taipei City 236,Taiwan (R.O.C)

(7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC/Ex7797.00/17

(9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0:2012/A11:2013 **EN 60079-1:2014** **EN 60079-7:2015**
EN 60079-31:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment shall include the following:

II 2 G	**Ex db IIC Gb**
	Ex eb IIC Gb
II 2 D	**Ex tb IIIC Db**

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2018-01-09

Dipl.-Ing. Klauspeter Graffi

(13) Annex

(14) # EU Type Examination Certificate

TÜV 17 ATEX 7797 X Issue: 00

(15) Description of equipment

15.1 Equipment and type:

Cable Glands for steel wire armoured cable
Type(s): THT-2A*UX** Series

15.2 Description

General product information

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 zone 1, zone 2, zone 21 and zone 22.
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 code:

THT-2A*UX** Series

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 – Accessary type, U = Explosion proof accessories.
5 – Material, X = Stainless steel.
6 – Model name, 1504 = NPT 1/2", 1508 = NPT 3/4"
7 – Series No.

Technical Data

Environmental data
Ambient temperature range: - 40°C to +95°C
IP protection level: IP65

(16) Test-Report No. GC/Ex7797.00/17

(17) Special Conditions for safe use
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 to 95°C.
3. Cables must be effectively clamped to prevent pulling or twisting.

(18) Basic Safety and Health Requirements
Covered by afore mentioned standard

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz Cologne, 2018-01-09

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