

# (1) EC TYPE-EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 94/9/EC**
- (3) EC Type-Examination Certificate Number

## TÜV 13 ATEX 7463 X

(4) **Equipment:** **Universal Explosion Proof LED Lighting  
Type THT-2LA\*d\*\*\*1102**

(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 equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Rheinland Zertifizierungsstelle for ex-protected products of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies this equipment 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 557/Ex463.00/13

- (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**

**EN 60079-1: 2007**

**EN 60079-31: 2009**

except the requirements, which are listed under item (18).

- (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 EC-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 d IIB+H2 T5...T4 Gb**

**II 2 D Ex tb IIIC T110°C Db**

TÜV Rheinland ExNB for explosion protected equipment

Cologne, 2014-04-24

Dipl.-Ing. Klauspeter Graf

This EC-Type-Examination Certificate without signature and stamp shall not be valid.  
This EC-Type-Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the  
TÜV Rheinland Notified Body of TÜV Rheinland Industrie Service GmbH, Am Grauen Stein 51105 Köln  
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114