




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 TSA 11.0013X	issue No.:0	Certificate history:
Status:	Current		
Date of Issue:	2011-11-15	Page 1 of 3	
Applicant:	Trolex Ltd Newby Road, Hazel Grove Stockport, SK7 5DY United Kingdom		
Electrical Apparatus: Optional accessory:	Type TX3704 Connector		
Type of Protection:	Ex d		
Marking:	Trolex Model number _____ Ex d I Mb Ex d IIB T6 Gb S/N _____ Tamb -20 °C to +55 °C IECEx TSA 11.0013X		
Approved for issue on behalf of the IECEx Certification Body:	Ujen Singh		
Position:	Quality & Certification Manager		
Signature: (for printed version)			
Date:	<u>15 NOVEMBER 2011</u>		

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](http://www.iecex.com).

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753
Australia





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Issue No.: 0

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Manufacturer: **Trolex Ltd**
Newby Road, Hazel Grove
Stockport, SK7 5DY
United Kingdom

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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*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:
GB/BAS/ExTR10.0028/00

Quality Assessment Report:
GB/SIR/QAR07.0017/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

See Annexe IECEx TSA 11.0013X.

CONDITIONS OF CERTIFICATION: YES as shown below:

See Annexe IECEx TSA 11.0013X.



IECEX Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEX TSA 11.0013X	Issue No.:	0
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Equipment Description:

Type TX3704 Connector is formed by the assembly of the Type TX3704 Plug and the Type TX3704 Socket, each certified under IECEx TSA 11.0012U. The Type TX3704 Connector is rated at up to 240 V a.c. or 300 V d.c., 25A per pin with a maximum through current of 100A. The assembly is held together using socket cap head screws grade A2-70 minimum.

Conditions of Certification pertaining to Issue 0 of this Certificate:

1. The maximum flamepath gaps shall not exceed 0.2 mm, as referred on the certified drawing P3704-20.
2. The ambient temperature range is -20°C to +55°C.

Drawing list pertaining to Original Issue 0 of this Certificate:

Document No.	Sheets	Document Title	Revision	Date (yyyy-mm-dd)
P3704-20	1	TX3704 Exd Connectors IECEx – General Arrangement	B	2011-11-03
P3704-20-01	1	TX3704 Exd Connectors IECEx – Component Details	A	2010-05-18
P3704-20-02	1	TX3704 Exd Connectors – Component Details – Plug & Socket Blanks	A	2010-07-12
P3704.28	1	TX3704 Connectors IECEx – Testsafe - Label Details – Group I & II	A	2011-03-02

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