



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 07.0034X	issue No.:0	History:
Status:	Current		
Date of Issue:	2007-07-25	Page 1 of 3	
Applicant:	Trox Limited 10 Newby Road Stockport United Kingdom		
Electrical Apparatus: <i>Optional accessory:</i>	Dead Line Cheker TX5054		
Type of Protection:	Ex ia		
Marking:	Trox Limited Dead Line Cheker TX5054 Ex ia I IECEx TSA 07.0034X S. No.		
Approved for issue on behalf of the IECEx Certification Body:	Ujen Singh		
Position:	Quality and Certification Manager		
Signature: (for printed version)			
Date:	25 JULY 2007		

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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Manufacturer: **Trex Limited**
10 Newby Road
Stockport
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 manufacture'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 : 2004 Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
Edition: 4.0

IEC 60079-11 : 2006 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition: 5

*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:

AU/TSA/ExTR07.0030/00

Quality Assessment Report:
GB/SIR/QAR07.0017/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Dead Line Cheker is a small battery powered portable instrument designed to confirm that electrical circuits that are isolated are in fact 'dead'.

The Dead Line Checker comprises a printed circuit board completely sealed within a moulded ABS plastic enclosure which is fitted with a pocket clip and coated with a static-dissipative coating. The enclosure has a red transparent window at one end to view a LED, which flashes once every one second to show a 'dead' line, and flashes faster or lights continuously in case of a 'live' line. The On/Off switch, near the pocket clip, is operated through a neoprene sleeve which is fitted over part of the enclosure. The instrument is powered by five Nickel Metal Hydride rechargeable button cells that are charged by a non-contact inductively coupled pulse charger.

CONDITIONS OF CERTIFICATION: YES as shown below:

Refer to attached Annex to IECEx TSA 07.0034X.



IECEX Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEX TSA 07.0034X	Issue No.:	0
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Drawing list pertaining to Issue 0 of this Certificate:

Document No.	Sheets	Document Title	Issue	Date (yyyy/mm/dd)
P3680.1	1	Circuit Diagram	-	1987/02/12
P3680.2	1	PCB Master Artwork T/S C/S Solder Mask & Drilling Details	B	2003/07/07
P3680.10	1	General Arrangement	C	2003/07/07
P3680.17	1	Sub Assembly of PCB	B	2003/07/07
P3680-36	1	Certification Label Details IECEX	A	2007/07/12

Conditions of Certification pertaining to Issue 0 of this Certificate:

Condition of Safe Use

- (1) The apparatus shall only be charged in safe area.
- (2) The charger must not allow the charging current in the battery to exceed 4 mA.

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	TestSafe Australia 919 Londonderry Road Londonderry NSW 2753 Australia
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