



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa03ATEX0206X**

4 Equipment or Protective System: **TX5053 / TX5054 DEAD LINE CHEKER**

5 Manufacturer: **TROLEX LIMITED**

6 Address: **Hazel Grove, Stockport, Cheshire, SK7 5DY**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd. Notified body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **03(C)0019**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 50014:1997 + Amds 1 & 2 EN 50020:2002 EN 50284:1999 EN 50303:2000**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system 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 construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

**⊕ II 1 G EEx ia IIC T6 (for TX5053)**

**⊕ I M1 EEx ia I (for TX5054)**

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa (2001) Ltd. Customer Reference No. **1159**

Project File No. **03/0019**

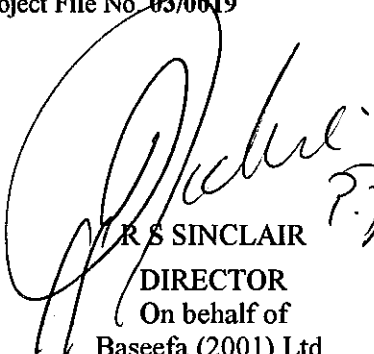
This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

**Baseefa (2001) Ltd.**

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**R S SINCLAIR**  
DIRECTOR  
On behalf of  
Baseefa (2001) Ltd.



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## Schedule

14

**Certificate Number Baseefa03ATEX0206X**

### 15 Description of Equipment or Protective System

The TX5053 / TX5054 Dead Line Checkers are small battery powered portable instruments designed to confirm that electrical circuits which have been isolated are in fact 'dead'. The two models are of identical design.

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 an LED. The ON/OFF switch, near the pocket clip, is operated through a neoprene sleeve which is fitted over part of the enclosure.

The unit is powered by five Nickel Cadmium button cells which are charged by a non-contact inductively coupled pulse charger.

### 16 Report Number

03(C)0019

### 17 Special Conditions for Safe Use

1. The enclosure is coated with a static-dissipative coating; care should be taken to not damage this coating and therefore reduce its effectiveness.

### 18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

### 19 Drawings and Documents

Number	Sheets	Issue	Date	Description
P3680.1	1	Original	12.02.87	Circuit diagram
P3680.2	1	B	07.07.03	PCB Artwork Details
P3680.10	1	C	07.07.03	General Arrangement
P3680.17	1	B	07.07.03	PCB Sub-assembly
P3680.34	1	A	04.07.03	TX5053 Label
P3680.35	1	A	04.07.03	TX5054 Label