

# ATEX

## II 3 G

### Certificate

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DOCUMENT NO. MTL07ATEX5046X

3 European Community Declaration of Conformity for Group II Category 3 G equipment in accordance with Directive 94/9/EC.

4 Declaration relating to: **MTL5046 Isolating Driver**

5 Manufactured and assessed by:

**Measurement Technology Limited, Power Court, Luton, Bedfordshire, LU1 3JJ, UK.**

6 This apparatus fulfils all the requirements for Group II, Category 3 G equipment in accordance with Directive 94/9/EC. The design complies with the MTL Standard for Zone 2/Division 2 Hazardous Area Apparatus and with EN 60079-15:2005. The design is fully documented in MTL Technical File Number TF5046.

7 The apparatus includes a non-arcing power supply and in normal operation is incapable of producing incendive sparks or hot surfaces which may cause ignition and is designed to be installed and used in accordance with EN 60079-14:2003.

8 The required marking of the apparatus is specified in Technical File No TF5046 and includes the distinctive community mark:



9 In addition, the marking includes the CENELEC code Ex nA IIC T4.

10 The ambient temperature range for the apparatus is -20°C to +60°C.

11 Manufacture is controlled by an ISO 9001 approved system and is externally audited by CSA and FM.

12 The apparatus meets the ATEX Directive requirements for electromagnetic radiation by complying with the EMC Directive 2004/108/EC.

13 The standards published in the Official Journal of the European Commission with reference to the Low Voltage Directive 2006/95/EC have been used to fulfill the requirement of 1.2.7 of Annex II of directive 94/9/EC to avoid electrical risks.

14 Special Conditions of Safe Use

a) The apparatus must be installed in an enclosure or an environment that provides a degree of protection not less than IP54.

b) The connector CON3 (Terminals 7, 8 & 9), CON4 (Terminals 10, 11 & 12) and CON5 (Power Supply) must not be inserted or removed unless either:

- i) the area in which the apparatus is installed is known to be non-hazardous, or
- ii) the circuits to which they are connected have been de-energised.

c) The 24V supply for this equipment must be derived from a regulated power supply complying with the requirements of European Community Directives.

J.A.D. Cooke, Quality Manager

Date 19/04/07

D.R.Gaunt, Certification Manager

Date 19/04/07



**ISO 9001**  
Number FM11657

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