

ATEX

II 3 G D

Declaration of Conformity

DOCUMENT NO. MTL02ATEX5032X

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

2 Declaration relating to: **MTL5032 Pulse Isolator**

3 Manufactured and assessed by:

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

4 This apparatus fulfils all the requirements for Group II, category 3 G D equipment in accordance with Directive 94/9/EC. The design complies with the MTL Standard for Zone 2/Division 2 Hazardous Area Apparatus which incorporates requirements from EN50021:1999.

The design is fully documented in MTL Technical File No. TF5032.

5 Non-sparking terminals are used for the safe-area connections (terminals 11, 12, 13 and 14) and the hazardous area terminals (1, 2, 3, 4 and 5) are energy limited. The apparatus is incapable of producing arcs, sparks or hot surfaces which may cause ignition and is designed to be installed and used in accordance with EN 60079-14:1997.

6 The required marking of the apparatus is specified in MTL Technical File No. TF5032 and includes the distinctive community mark:



7 In addition, the marking shall include the CENELEC code: **EEx nA IIC T4**
The A applies to the safe area connections and the non-sparking construction.

8 The ambient temperature limitation for the units is **-20°C to +60°C**.

9 Manufacture is externally audited by Baseefa(2001), FM and CSA.

10 Manufacture is controlled by an ISO9001 approved system.

11 Apparatus satisfies the requirements of EN 61326-1:1997 "Electrical equipment for measurement, control and laboratory use. EMC requirements" Annex A - Industrial.

12 Apparatus satisfies requirements of personnel safety standard EN61010-1.

13 The apparatus must be installed in an enclosure or an environment that ensures compliance with Category 3 enclosure requirements (See EN50021: 1999 clause 24). It must also be protected against supply transients of more than 40% by the external Power Supplies.

14 If the apparatus is to be installed in a Zone 22 environment, then the enclosure in which it is mounted must meet the requirements of IEC 61241-1/CDV Clause 6, i.e. IP6X etc.



ISO 9001
Number FM11657

J.A.D. Cooke
Quality Manager

D.R. Gaunt
Certification Manager

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

