ATEX

II 3 G D

1 ## *Declaration of Conformity*

2 DOCUMENT NO. MTL02ATEX7700CX

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

4 Declaration relating to:

MTL7706+	MTL7707+	MTL7710+	MTL7710–	MTL7715+	MTL7715–
MTL7715P+	MTL7715P–	MTL7722+	MTL7722–	MTL7728+	MTL7728–
MTL7728ac	MTL7728P+	MTL7728P–	MTL7741	MTL7742	MTL7743
MTL7744	MTL7745	MTL7755ac	MTL7756ac	MTL7758+	MTL7758–
MTL7760ac	MTL7761ac	MTL7761Pac	MTL7764+	MTL7764–	MTL7764ac
MTL7765ac	MTL7766ac	MTL7766Pac	MTL7767+	MTL7767–	MTL7778ac
MTL7779+	MTL7779–	MTL7787+	MTL7787–	MTL7787P+	MTL7787P–
MTL7788+	MTL7788–	MTL7788R+	MTL7788R–	MTL7789+	MTL7789–
MTL7796+	MTL7796–	MTL7798			

5 Assessed by:

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

6 Manufactured by:

MTL Instruments Pvt. Ltd . 3 Old Mahabalipuram Road, Sholinganallur, Chennai 600119, India.

7 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. TF7700.

8 The safe area connections (terminals 1, 2, 5 and 6) are nA (non-sparking) or nL (energy limited) depending upon the circuits to which they are connected. The hazardous area terminals (3, 4, 7 and 8) are intrinsically safe (see BAS01ATEX7217). 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.

9 The required marking of the apparatus is specified in MTL Technical File Number TF7700 and includes the distinctive community mark:

10 In addition, the marking shall include the CENELEC code EEx n IIC T4.

11 The ambient temperature limits for the unit are –20°C to +60°C except for MTL7755ac and MTL7756ac which have limits of –20°C to +65°C.

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

13 Manufacture is controlled by an ISO9001 approved system.

14 The equipment meets the ATEX Directive requirements for electromagnetic radiation by complying with the EMC Directive 89/336/EEC.

15 The equipment meets the ATEX Directive requirements for personnel protection by complying with the LVD Directive 73/23/EEC.

Note: If the relay contacts of MTL7741, MTL7743 or MTL7745 are connected to hazardous-area live voltages greater than 30 Vrms or 60 Vdc, then appropriate precautions, for example adding warning markings and protective covers, should be taken.

16 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.

17 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.

J.A.D. Cooke, Quality Manager ..... Date: 26/3/03

D.R. Gaunt, Certification Manager ..... Date: 25.3.03

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Number FM11657

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