Type Approval Certificate Extension

This is to certify that Certificate No. 06/00112(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER

Measurement Technology Ltd
Great Marlings
Butterfield
Luton, Bedfordshire
LU2 8DL UK
United Kingdom (UK)

PLACE OF PRODUCTION

MTL Instruments Pvt. Ltd
3, Mahabalipuram Road
Sholinganallur
Chennai, 600 119
India

DESCRIPTION

Process I/O system

TYPE

MTL 7700 series

7706	7707	7707P	7710	7715	7722
7728	7728P	7729P+	7741	7742	7743
7744	7745	7755	7756	7758	7761
7761P	7764	7765	7766	7766P	7767
7779	7787	7787P	7788	7788R	7789
7796	7798	7099 (1)			

(1) MTL 7099 is a Dummy Barrier

APPLICATION

Marine, offshore and industrial use in environmental categories ENV1and ENV2 as described in Lloyd's Register Test Specification No. 1: 2002.

Certificate No. 06/00112(E2)

Issue Date 12 March 2012

Expiry Date 30 December 2016

Sheet 1 of 2

R.M. Kelkar
London Design Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

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Lloyd's Register

SPECIFIED STANDARD	Type 7706	
	IEC 60079-0: 2009	IEC 60079-11: 2007
	All other Types	
	IEC 60079-0: 2000	IEC 60079-11: 1999
	EN 50014: 1997	EN 50020: 1994

ADDITIONAL TESTS Hazardous Areas:

Type 7706
II (1) GD [Ex ia Ga] IIC (- 20° C ≤ Ta ≤ + 60° C)
II (1) GD [Ex ia Da] IIIC (- 20° C ≤ Ta ≤ + 60° C)

All other types
II [1] GD [EEx ia] IIC (- 20° C ≤ Ta ≤ + 60° C)
II [1] GD [EEx ia] IIB (- 20° C ≤ Ta ≤ + 60° C)

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 06/00112(E2) *and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 06/00112(E1) to which this extension should be attached.

Certificate No.	06/00112(E2)
Issue Date	12 March 2012
Expiry Date	30 December 2016
Sheet	2 of 2

R.M. Kelkar
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Lloyd's Register EMEA (London Office)
LONDON DESIGN SUPPORT OFFICE
71 Fenchurch Street, London, EC3M 4BS
Telephone 020 7709 9166 Fax 020 7488 4796
Email tad@lr.org

Document number
06/00112(E2)

Issue number
1

DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
12 March 2012	LDSO/ETS/RMK/WP9182533/W02864086

LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.

Issued to: MEASUREMENT TECHNOLOGY LTD
for: PROCESS I/O SYSTEM
Type: MTL 7700 SERIES
TYPE APPROVAL CERTIFICATE No. 06/00112(E2)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

ADDITIONAL APPROVAL DOCUMENTATION

Request Form	16.11.2011

TEST REPORTS

LR Production Facility Inspection Report	27.12.2011
BSI UK Site ISO 9001:2008 Certificate Number FM11657	02.12.2009
BSI India Site ISO 9001:2008 Certificate Number FM66641	02.05.2009

Also all the documentation listed on Design Appraisal Document associated with Type Approval Certificate No. 06/00112(E1)

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

R. M. Kelkar
London Design Support Office
Lloyd's Register EMEA

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Part 3
Barrier Units (Part 3)

Producer/Licence No.	Item Description	Technical Details	Category/Additional Tests	Remarks	Cert. No.
Measurement Technology Ltd, **Great Marlings,** **Butterfield,** **Luton, Bedfordshire,** **LU2 8DL UK,** **United Kingdom (UK).**	Process I/O system Type MTL 7700 series 7706 7707 7707P 7710 7715 7722 7728 7728P 7729P+ 7741 7742 7743 7744 7745 7755 7756 7758 7761 7761P 7764 7765 7766 7766P 7767 7779 7787 7787P 7788 7788R 7789 7796 7798 7099[1] *(1) MTL 7099 is a Dummy Barrier*	Refer to manufacturer's literature	ENV 1 ENV2 (2002) Hazardous Areas: Type 7706 II (1) GD [Ex ia Ga] IIC (- 20° C ≤ Ta ≤ + 60° C) II (1) GD [Ex ia Da] IIIC (- 20° C ≤ Ta ≤ + 60° C) All other types II [1] GD [EEx ia] IIC (- 20° C ≤ Ta ≤ + 60° C). II [1] GD [EEx ia] IIB (- 20° C ≤ Ta ≤ + 60° C).	Expires: 30 December 2016 Complies with Type 7706 IEC 60079-0: 2009 IEC 60079-11: 2007 All other types IEC 60079-0: 2000 IEC 60079-11: 1999 EN 50014: 1997 EN 50020: 1994	06/00112(E2)