

## Type Approval Certificate Extension

This is to certify that Certificate No. 86/00102(E5) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Measurement Technology Ltd. Power Court Luton Bedfordshire, LU1 3JJ United Kingdom (UK)	
<b>PLACE OF PRODUCTION</b>	Power Court Luton Bedfordshire, LU1 3JJ United Kingdom (UK)	MTL Instruments Private Limited No. 3 Old Mahabalipuram Road Sholingnallur Chennai (Madras) 600119. India
<b>DESCRIPTION</b>	Shunt Diode Safety Barriers Series MTL700	
<b>TYPES</b>	MTL705, MTL706, MTL707, MTL708, MTL787S, MTL702, MTL710, MTL710 ac., MTL715, MTL722, MTL728, MTL728 ac., MTL751 ac., MTL755 ac., MTL758, MTL760, MTL761, MTL764, MTL764 ac., MTL765, MTL766, MTL767, MTL768, MTL772, MTL778, MTL779, MTL786, MTL787, MTL788, MTL788R, MTL796, MTL707P, MTL710P, MTL715P, MTL722P, MTL728P, MTL729P, MTL761P, MTL766P & MTL787SP	

*"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 LR of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 86/00102(E6) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 86/00102(E5) to which this extension should be attached.

<b>Certificate No.</b>	86/00102(E6)
<b>Issue Date</b>	28 November 2007
<b>Expiry Date</b>	05 August 2012
<b>Sheet</b>	1 of 1

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Issue number 1

### DESIGN APPRAISAL DOCUMENT

Date 28 November 2007	Quote this reference on all future communications LDSS/PAS/TAE/W01467362/MHR/O- 87050
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## LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002.

Issued to: MEASUREMENT TECHNOLOGY LTD.

for: SHUNT DIODE SAFETY BARRIERS – MTL700 SERIES

TYPE APPROVAL CERTIFICATE No. 86/00102(E6)

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

#### ADDITIONAL APPROVAL DOCUMENTATION

Request form	01.08.2007
MTL letter	14.08.2007
MTL 5000 Series Certificates (as indexed and dated on Certificates)	Undated

#### TEST REPORTS

MTL 5000 Series Certificates (as indexed and dated on Certificates)	Undated
BSI Certificate FM 11657	06.08.2003

Also all the documentation listed on DAD of Type Approval Certificates Nos. 86/00102, 86/00102(E1), 86/00102(E2), 86/00102(E3), 86/00102(E4) and 86/00102(E5)

#### 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.

M.H.A. RUFFAIE

Lead Specialist

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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., Power Court, Luton, Bedfordshire, LU1 3JJ, United Kingdom (UK).	Shunt diode safety barriers  MTL Series 700 Types 702, 705, 706, 707, 708, 710, 787S, 710 ac, 715, 722, 728, 728 ac, 751 ac, 755 ac, 758, 760, 761, 764, 764 ac, 765, 766, 767, 768, 772, 778, 779, 786, 787, , 788, 788R, 796, 707P, 710P, 715P, 722P, 728P, 729P, 761P, 766P, 787SP	Refer to manufacturer's specification	ENV1 ENV2 (1996)	Expires: 05 August 2012  See PS 700 for production specifications. Baseefa Ex 832452 Code [EEEx ia] IIC Tamb = 60°C Baseefa Ex 87B 2428 Code [EEEx ia] IIC Tamb = 60°C	86/00102(E6)

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