



Type Approval Certificate

This is to certify that the under noted product(s) have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	MTL Surge Technologies / Atlantic Scientific 4300 Fortune Place, Ste A W Melbourne FL 32904 USA
PLACES OF PRODUCTION	MTL Instruments Pvt. Ltd 3, Old Mahabalipuram Road Sholinganallur Chennai, 600119 India
DESCRIPTION	Transient Surge Protection Device for Foundation Fieldbus Communication Lines
TYPES	FP32
APPLICATION	Environmental category ENV3 as described in Lloyd's Register Test Specification Number 1, 2002.
SPECIFIED STANDARDS	Lloyd's Register Test Specification Number 1, 2002 IEC 60079-0: 2000 IEC 60079-11: 1999 EN 50014: 1997 + Amendments 1 and 2 EN 50020: 2002
ADDITIONAL TESTS	Ex II 1G EEx ia IIB T3 (-40°C ≤ Ta ≤ 70°C) Ex II 1G EEx ia IIC T4 (-40°C ≤ Ta ≤ 70°C)

Certificate No.	09/60014
Issue Date	24 April 2009
Expiry Date	23 April 2014
Sheet	1 of 2

A.Munden



*Lloyd's Register North America, Inc.
3050 Harvester Road, Suite #208, Burlington, Ontario, L7N 3J1, Canada*

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OTHER CONDITIONS

Installation of this equipment for marine applications is to be in accordance with Part 6, Chapter 1 of the Rules and Regulations for the Classification of Ships.

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

The Design Appraisal Document No. 09/60014 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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