



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1409763 (LR 36637-26)

Master Contract: 152423

Project: 1409763

Date Issued: February 13, 2003

Issued to: MEASUREMENT TECHNOLOGY LTD.
Power Court
Luton
Bedfordshire LU1 3JJ, England
Attention: Mr. John Purdy

The products listed below are eligible to bear the CSA Mark shown



Issued by:

R. Wildish
R. Wildish

Authorized by:

Nick Alfano
Nick Alfano
Operations Manager

PRODUCTS

CLASS 2258 03 PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:

MTL 706 Shunt Diode Safety Barrier; supply 35V dc max, 40mA, input and output signal 4-20mA; intrinsically safe output 28V dc, 300 ohms; for 4-20mA transmitters and with electronic overvoltage protection.

Note: The above devices are for mounting in a suitable protective enclosure in a non-hazardous locations and must be installed in accordance with the manufacturer's instructions. Terminals 3 and 4 provide intrinsically safe circuits for switches, thermocouples, LED's and non-inductive resistive devices or CSA Certified equipment when installed per manufacturer's control drawing.



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APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 142-M1987 - Process Control Equipment
CAN/CSA-C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

MARKINGS

- CSA Monogram
- Company Name
- Model number
- Serial number or Date Code
- Electrical Input Rating
- Hazardous Location designation;
- the symbol [Exia]
- the words "Associated Equipment"
- Statement re. Intrinsic Safety & reference to Installation Instructions (ie. "I.S. Field Connections for Class I, Groups A, B, C & D; Class II, Groups E, F & G; Class III, when connected per MTL Dwg. SCI-___)



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Supplement to Certificate of Compliance

Certificate: 1409763 (LR 36637-26)

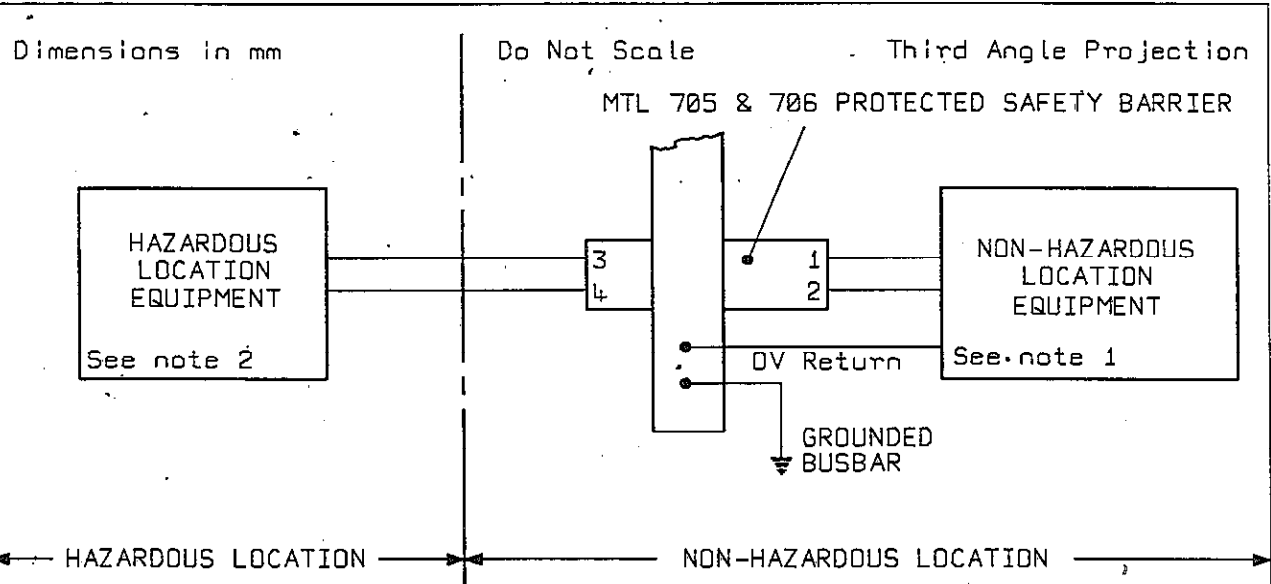
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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
1409763	Feb. 13, 2003	Update to include revised drawings.
-76	Feb. 15, 1994	Update to include alternative ground stud assembly.
-67	May 11, 1993	Update to cover revised Construction on MTL 706.
-26	Sept. 14, 1990	Original Certification - MTL 706 Zener Barrier.

Is	1	2	3
Date Dwn	2-88/AC	10/89/ACN	8-90/ACM
Modification		MTL 706 added	Revised as per CSA instructions
No			
Cl			
Ckd			
MEASUREMENT TECHNOLOGY LTD Luton, England Copyright Reserved - Written Permission to Copy Should be Obtained			
Is			
Date Dwn			
Modification			
No			
Cl			
Ckd			



- Note 1.
Non-Hazardous location equipment - unspecified except that it must not be supplied from nor contain under normal or abnormal conditions a source of potential with respect to ground in excess of 250v r.m.s. or 250v d.c.
- Note 2.
Hazardous location equipment - switches, thermocouples and non-inductive resistive devices, or CSA-Certified apparatus when connected in accordance with the manufacturer's installation instructions.
- Note 3.
The parameters of interconnecting cables must comply with the values given in Appendix F of the Canadian Electrical Code, Part 1.
- Note 4.
For intrinsic safety purposes the MTL 705 and 706 output circuits are considered to be a source of power with a maximum open circuit voltage of 28v d.c., a maximum short circuit current of 93mA and a source resistance of 300 ohms minimum.
- Note 5.
The circuit in the hazardous location must be capable of withstanding a test voltage of 500 volts r.m.s. with respect to ground or frame of the equipment for a period of one minute without breakdown.

Certifying Authority:- CSA		Scale N/A
Tolerance unless otherwise stated ±		Sheet 1 of 1
Title Installation Drawing for the MTL7 705 and 706 Protected Safety Barriers.		Dwg. No. SCI-182