

# Certificate of Compliance

**Certificate:** 1613814

**Master Contract:** 227951

**Project:** 1613814

**Date Issued:** January 25, 2005

**Issued to:** Young Tech Co., Ltd.  
662-8 Pung-mu-Dong  
Kyunggi-Do  
KOREA

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



**Authorized by:** G. Foulem

## **PRODUCTS**

CLASS 2258-02 – PROCESS CONTROL EQUIPMENT – For Hazardous Locations

Ex md IIB T5

**Electro-pneumatic valve positioner series YT-1000.m..**

Used for linear operation of pneumatic linear valve actuators by means of electrical controller or control systems with analog output signal of 4 to 20 mA or split ranges.

Note: Installation shall be in accordance to the Canadian Electrical Code CEC, Part 1, C22.1.

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### **APPLICABLE REQUIREMENTS**

CAN/CSA-E79-0-02	Electrical apparatus for explosive gas atmospheres - General Requirements
CAN/CSA-E79-1-02	Electrical apparatus for explosive gas atmospheres - Construction and Verification test of flameproof enclosures of electrical apparatus
CAN/CSA-E79-18-95	Electrical apparatus for explosive gas atmospheres – Encapsulation
CAN/CSA-C22.2 No.1010.1-92	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements (Includes Amendment 1)

### **MARKINGS**

The following information appears on a nameplate:

- Submitter's name or CSA Master contract
- Model type: YT-1000...m.
- Serial number/ date
- Input signal: 4 – 20 mA
- Supply pressure: 1,4- 7 kgf/cm<sup>2</sup>
- Ambient temperature range: -20 °C... +60°C
- Hazardous Location designations: Class 1, Zone 1, Group IIB, T5
- Marking code: Ex md IIB T5
- CSA certificate number: CSA 05 1613814.
- CSA monogram

The aluminium marking plate is mounted to the enclosure by means of 4 screws.

Warning label;

Install the fuse of a rated short current less than 62mA to the control side.

A seal shall be installed within 50mm of the enclosure

## *Supplement to Certificate of Compliance*

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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
1613814	January 25, 2005	Original CSA Certification of Electro-pneumatic valve positioner series YT-1000.m...