



CSA INTERNATIONAL

# Certificate of Compliance

**Certificate:** 1773282

**Master Contract:** 202481

**Project:** 1920693

**Date Issued:** 2007/06/21

**Issued to:** ControlAir Inc.

8 Columbia Dr  
Amherst, NH 03031  
USA

Attention: Kevin McInnis

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



**Issued by:** Dorin Stochitoiu, P.Eng

**Authorized by:** Patricia Pasemko, Operations  
Manager

## **PRODUCTS**

**CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For  
Hazardous Locations

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

CLASS 2258 04

Class I, Division 1, Groups A, B, C and D

T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, intrinsically safe with entity parameters  
Vmax=40V, Imax=150mA, Pmax=0.7W, Ci=0nF, Li=0mH when connected per installation drawing number  
431-990-047, Maximum Ambient Temperature 75°C, Temperature Code T4.



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Note: T590 I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

CLASS 2258 02

Class I, Division 2, Groups A, B, C and D;

T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, Maximum Ambient Temperature 75°C, Temperature Code T4

Note: T590 I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

#### **APPLICABLE REQUIREMENTS**

CSA C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II

CSA C22.2 No. 142-M1987 - Process Control Equipment

CSA C22.2 No. 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

CSA C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

#### **MARKINGS**

- CSA Monogram
- Company name
- Model name or number
- Serial number or Date of manufacturing
- Electrical Ratings
- Hazardous Location Designation
- Temperature Code
- Maximum Ambient Temperature
- Statement re. Intrinsically Safe and "Ex ia"
- Entity Parameters
- Reference to installation drawing



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- Warning re. substitution of components
- Warning re. do not disconnect