



FM Approvals  
1151 Boston-Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781 762 9375 www.fmglobal.com

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**Model T550-AbA. I/P Transducer**

IS / I,II,III / 1 / CDEFG / T4 Ta = 70°C – 431-990-036; Entity; Type 4X

Entity Parameters:

Vmax = 30 V, Imax = 125 mA, Pmax = 0.7 W, Ci = 0, Li = 0

b = Output Pressure C, D, E, F, G, H, I, J or K.

**Models T550-AbT, T550-AbD. I/P Transducer**

IS / I / 1 / CD / T4 Ta = 70°C – 431-990-036; Entity; Type 4X

Entity Parameters:

Vmax = 30 V, Imax = 125 mA, Pmax = 0.7 W, Ci = 0, Li = 0

b = Output Pressure C, D, E, F, G, H, I, J or K.

**Models T550-bcD, T550-bcT. I/P Transducer**

NI / I / 2 / ABCD / T4 Ta = 70°C; Type 4X

b = Input Signal range A, C, D, E or F.

c = Output Pressure C, D, E, F, G, H, I, J or K.

**Model T550-bcA. I/P Transducer**

NI / I / 2 / ABCD / T4 Ta = 70°C; S / II, III / 2 / FG / T4 Ta = 70°C; Type 4X

b = Output Pressure C, D, E, F, G, H, I, J or K.

c = Electrical Signal option A, C, D, E or F.

### Equipment Ratings:

Intrinsically safe electrical apparatus with Entity parameters for use in Class I, II, III, Division 1, Groups C, D, E, F and G in accordance with manufacturing's Control Drawing No.431-990-036, Rev. 1; nonincendive for Class I, Division 2, Groups A, B, C and D; suitable for Class II and III, Division 2, Groups F and G hazardous (Classified) indoor/outdoor Type 4X locations

### Approved for:

ControlAir, Inc.  
8 Columbia Drive Amherst, NH 03031



This certifies that the equipment described has been found to comply with the following FM Approval Standards and other documents:

Class 3600	1998
Class3610	1999
Class 3611	1999
Class 3810 Supp. # 1	1995
ANSI/NEMA-250	1991


Original Project ID: 3013848

FM Approval Granted: December 19, 2002

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
None		None	

FM Global Technologies LLC

  
\_\_\_\_\_  
Andrew Lozinski  
Technical Team Manager

  
\_\_\_\_\_  
Date