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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

TDY/a/b/c/d [e]. Temperature Transmitter.

IS/I,II,III/1/ABCDEFGH/T4A Ta = 60°C; T5 Ta = 40°C – 100-100-54/A; Entity; NI/II/2/ABCD/ T4A Ta = 60°C; T5 Ta = 40°C; S/III/2/FG/ T4A Ta = 60°C; T5 Ta = 40°C; S/III/2/ T4A Ta = 60°C; T5 Ta = 40°C

Entity Parameters:

Vmax = 30V, Imax = 110mA, Ci = 12nF, Li = 0mH.

a= Inputs, T/C (J, K, E, T, R, S, N, B, C) or RTD (R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, RO) or PRG.

b = Output, 4-20mA

c = Power, 10-30Vdc

d= Options, -ISF (Intrinsically safe & Non-Incendive) or blank (Non-Incendive)

e= Housing, BH, D-Box, DN, HP, FL, FLD, HPD, TW or VDN.

Special Conditions of Use:

1. The unit shall be installed in an enclosure meeting the requirements of ANSI/ISA S82.02.01 or other applicable ordinary location standards.
2. No connections shall be made to the communications "COM" port in Hazardous (Classified) Locations.
3. Maximum operating parameters of the "COM" port for use in Non-Hazardous areas shall not exceed 3.0V, 300µA and 240µW.
4. Approval of the Model TDY covers operation in the Class II, III, Division 2 hazardous location only when installed in a Nationally Recognized Test laboratory (NRTL) Approved dust-tight enclosure in accordance with the manufacturer's instructions.

SDY/a/b/c/d [e]. Temperature Transmitter.

IS/I,II,III/1/ABCDEFGH/T4A Ta = 60°C; T5 Ta = 40°C – 100-100-54/A; Entity; NI/I/2/ABCD/ T4A Ta = 60°C;

T5 Ta = 40°C; S/II/2/FG/ T4A Ta = 60°C; T5 Ta = 40°C; S/III/2/ T4A Ta = 60°C; T5 Ta = 40°C

Entity Parameters:

Vmax = 30V, Imax = 110mA, Ci = 12nF, Li = 0mH.

a= Inputs PRG, 0-10Volts, 0-50mA

b = Output, 4-20mA

c = Power, 10-30Vdc

d= Options, -ISF (Intrinsically safe & Non-Incendive) or blank (Non-Incendive)

e= Housing, BH, D-Box, DN, HP, FL, FLD, HPD, TW or VDN.

Special Conditions of Use:

1. The unit shall be installed in an enclosure meeting the requirements of ANSI/ISA S82.02.01 or other applicable ordinary location standards.
2. No connections shall be made to the communications "COM" port in Hazardous (Classified) Locations.
3. Maximum operating parameters of the "COM" port for use in Non-Hazardous areas shall not exceed 3.0V, 300µA and 240µW.
4. Approval of the Model SDY covers operation in the Class II, III, Division 2 hazardous location only when installed in a Nationally Recognized Test laboratory (NRTL) Approved dust-tight enclosure in accordance with the manufacturer's instructions.

Equipment Ratings:

Intrinsically Safe (Entity) for use in Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; in accordance with Control Document No.100-100-54; Nonincendive for use in Class I, Division 2, Groups A, B, C and D; Suitable for use in Class II, III, Division 2, Groups F and G; indoor Hazardous (Classified) Locations.

Approved for:

Moore Industries International
Sepulveda, CA 91343 USA


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

Class 3600	1998
Class 3610	1988
Class 3611	1986
Class 3810	1989

Original Approval Job Identification: 3003614 Approval Granted: December 6, 1999

Subsequent Revision Reports / Date Approval Amended

Factory Mutual Research Corporation



Robert L. Martell, Jr.
Assistant Vice President
Approvals Division

3/1/02
Date