



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**T1055-a. Turbidity Analyzer.**

NI/II/2/ABCD/T3C Ta = 50°C; – 1400311; 1400312; S/III/2/EFG/T3C Ta = 50°C; – 1400311; 1400312;  
S/III/2/ T3C Ta = 50°C; – 1400311; 1400312; Type 4X

a = Mounting Type: 10 or 11.

*Special Conditions of Use:*

1. *The Model T1055 Turbidity Analyzer is for use with the Clarity II Turbidity Sensor only.*
2. *The Clarity II Turbidity Sensors are for use with non-flammable processes media only.*

### Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T3C Ta = 50°C; in accordance with Control Drawing Nos. 1400311; 1400312; Suitable for use in Class II and III, Division 2, Groups E, F and G; Temperature Class T3C Ta = 50°C; in accordance with Control Drawing Nos. 1400311; 1400312; indoor and outdoor, Type 4X Hazardous (Classified) Locations.

### Approved for:

Emerson Process Management  
Rosemount Analytical Incorporated  
Irvine, CA 92606

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

Class 3600	1998
Class 3611	2004
Class 3810	2005
ANSI/NEMA 250	1991

Original Project ID: 3022965

FM Approval Granted:

11/30/05

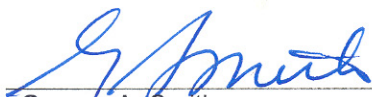
Subsequent Revision Reports / Date FM Approval Amended

Report Number      Date

Report Number

Date

FM Global Technologies LLC



George A. Smith  
Assistant Vice President  
FM Approvals

Date

11/30/05