



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:

311-1. Portable Trace Oxygen Analyzer.

IS / I / 1 / ABCD / T4A $T_a=40^{\circ}\text{C}$

Special Conditions of Use:

1. When used with two Teledyne Analytical Instrument Battery Sub-assemblies, P/N B-9905.
2. The apparatus enclosure contains aluminum and is considered to constitute a potential risk of ignition by impact or friction. Care must be taken into account during installation and use to prevent impact or friction.
3. Parts of the enclosure are constructed from plastic. To prevent the risk of electrostatic sparking the plastic surface should only be cleaned only with a damp cloth.

Equipment Ratings:

Intrinsically Safe for use in Class I, Division 1, Groups A, B, C and D; Temperature Class T4A in a maximum ambient of 40°C Hazardous (Classified) Locations when used with two Teledyne Analytical Instrument Battery Sub-assemblies, P/N B-9905.

Approved for:

Teledyne Analytical Instruments
16830 Chestnut St.
City of Industry, CA 91749



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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	2010
Class 3810	1989

Original Approval Job Identification: 3009118 Approval Granted: March 7, 2001

Subsequent Revision Reports / Date Approval Amended

3043591

Factory Mutual Research Corporation

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Timothy J. Adam
Technical Team Manager
Hazardous Location

September 2, 2011

Date