

British Approvals Service for Electrical  
Equipment in Flammable Atmospheres



## Certificate of Conformity

1

**BAS No. Ex 01E2324**

2

3 This certificate is issued for the intrinsically safe electrical system:

**OXYGEN MEASURING TRANSMITTER TYPE INSTA TRANS SYSTEM**

4 Submitted for certification by:

**TELEDYNE ELECTRONIC TECHNOLOGIES/ANALYTICAL INSTRUMENTS  
of 16830 Chestnut Street, PO Box 1580, City of Industry, California 91749-1580, USA**

5 This electrical system and any acceptable variation thereto is specified in the Schedule to this Certificate and the documents therein referred to:

6 BASEEFA, being an Approved Certification Body in accordance with Article 14 of the Council Directive of the European Communities of 18 December 1975 (76/117/EEC) certifies that the system has been found to comply with harmonised European Standards:

**EN50 039 (1980)**

and has successfully met the examination and test requirements recorded in confidential Report number:

**00(C)0719 dated 13 February 2002**

7 The system is coded:

**EEx ia IIC T4**

8 It is the responsibility of the system certificate holder to supply the relevant documentation to the installer of the intrinsically safe electrical system referred to in this certificate.

The installer has the responsibility to ensure that the system conforms to the specification laid down in the Schedule to this certificate and has satisfied routine verifications and tests specified therein.

9 This system may be marked with the Distinctive Community Mark specified in Annex II to the Commission Directive of 16 January 1984 (Doc 84/47/EEC). A facsimile of this mark is printed on sheet 1 of this certificate.

File No: EECS 1081/02/006

Sheet 1 of 2

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the system may be used in particular industries or circumstances. A system is an assembly of apparatus (all of which are subject to certification and licensing requirements in their own right) and is therefore not listed on an EECS Manufacturing Licence.



**I M CLEARÉ  
DIRECTOR  
18 February 2002**



**Electrical Equipment Certification Service**  
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## Certificate of Conformity - Variation

This is to certify that System Certificate number: **Ex 01E2324/1**  
issued to: **Teledyne Instruments, Analytical Instruments**  
of: **16830 Chestnut Drive, PO Box 1580, City of Industry,  
California 91748, USA**  
for the: **Oxygen Measuring Transmitter Type Insta Trans System**  
is hereby extended to apply to the system conforming with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This Supplementary Certificate shall be held with the original Certificate

The Electrical Equipment Certification Service, retains responsibility for its original documentation. Baseefa is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate that it has issued.

This certificate may only be reproduced in its entirety, without any change, Schedule included.

Baseefa Customer Reference No. 1081

Project File No. 06/0302

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

A handwritten signature in black ink, appearing to read "R S Sinclair".

**R S SINCLAIR**  
**DIRECTOR**  
On behalf of  
Baseefa (2001) Ltd.

**Baseefa**  
Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
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e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa (2001) Ltd  
Registered in England No. 4305578 at the above address



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## Schedule

### Description of the variation

#### Variation 1.1

To permit minor drawing changes that do not affect the original intrinsic safety assessment.

#### Report No.

None.

#### Drawings

Number	Sheet	Issue	Date	Description
D-73736	1	1	06/17/05	ATEX 3001 Insta Trans Interconnection Diagram with Safety Barriers

#### Special Conditions for Safe Use

None.