



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx ITS 16.0029X Issue No: 0 Certificate history:  
Issue No. 0 (2016-04-29)

Status: **Current** Page 1 of 3

Date of Issue: **2016-04-29**

Applicant: **Teledyne Instruments**  
16830 Chestnut Street,  
City of Industry,  
California 91748.  
**United States of America**

Electrical Apparatus: **6650SP OIL IN WATER ANALYZER EXPLOSION PROOF**  
*Optional accessory:*

Type of Protection: **Ex db IIB+H2 Gb**

Marking:  
IECEX ITS 16.0029X  
Ex db IIB+H2 Gb -20 to +60C

*Approved for issue on behalf of the IECEx  
Certification Body:*

P Moss

*Position:*

Certification Officer

*Signature:  
(for printed version)*

*Date:*

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**Intertek Testing & Certification Limited**  
ITS House, Cleeve Road,  
Leatherhead,  
Surrey, KT22 7SB  
United Kingdom





# IECEX Certificate of Conformity

Certificate No: IECEx ITS 16.0029X Issue No: 0

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Manufacturer: **Teledyne Instruments**  
16830 Chestnut Street,  
City of Industry,  
California 91748.  
**United States of America**

Additional Manufacturing  
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-1 : 2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[GB/ITS/ExTR16.0032/00](#)

Quality Assessment Report:

[GB/BAS/QAR12.0008/03](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Oil In Water Analyzer Explosion Proof comprises of a component approved FEAM flameproof enclosure EJB IECEx INE 13.0083U (INERIS 13ATEX9019U) measuring approximately 414.48 (H) x 315.00 (W) x 281.93 (D) and two Feam Switches (Operators) IECEx INE 13.0073U (INERIS13ATEX9017U). The enclosure utilizes a range of electrical equipment that is fitted in accordance with the enclosure's condition of use.

### CONDITIONS OF CERTIFICATION: YES as shown below:

Following CONDITIONS OF CERTIFICATION apply:

- Due to window, the unit shall only be located in an area of low impact.
- Suitably certified Ex d IIB+H2 Gb cable glands, thread adapters and blanking elements must be utilized.

### Annex:

[Annex to IECEx ITS 16.0029X issue No.0.pdf](#)



**Schedule of Drawings for Certificate: IECEx ITS 16.0029X Issue No.:0**

Manufacturer:  
Teledyne Analytical Instruments Inc.  
16830 Chestnut St,  
City of Industry,  
CA 91748,  
United States

Document No.	Sheets	Document Title	Rev	Date
D- 93493	1 to 4	OUTLINE DIAGRAM OIW ANALYZER MODEL 6650SP-XD ATEX CONTROL UNIT	0	03/24/16
A-93507	1	FABRICATION DETAIL ATEX LABEL MODEL 66507SP-XD	0	03/29/16

**Intertek Testing & Certification Limited**  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
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<http://www.intertek.com>

**Registered No 3272281. Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.**

This certificate may only be reproduced in its entirety and without change, schedule included and is subject to Intertek Testing & Certification Conditions for granting certification.