



# 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 UL 13.0036X issue No.:0 Certificate history: \_\_\_\_\_

Status: **Current**

Date of Issue: **2013-07-12** Page 1 of 3

Applicant: **Barksdale**  
3211 Fruitland Avenue  
Los Angeles 90058-0043 CA  
**United States of America**

Electrical Apparatus: **Model 425X Flameproof Pressure Transducer**  
*Optional accessory:*

Type of Protection: **Flameproof "d" and Dust Ignition Protection by Enclosure "tb"**

Marking: Ex d IIC 91°C (T5) Gb  
Ex tb IIIC T100°C Db IP66

*Approved for issue on behalf of the IECEx Certification Body:* Paul T. Kelly

*Position:* Principal Engineer, Global Hazardous Locations

*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:

**UL LLC**  
**333 Pfingsten Road**  
**Northbrook IL 60062-2096**  
**United States of America**





# IECEX Certificate of Conformity

Certificate No.: IECEx UL 13.0036X

Date of Issue: **2013-07-12**

Issue No.: **0**

Page 2 of 3

Manufacturer: **Barksdale**  
3211 Fruitland Avenue  
Los Angeles 90058-0043 CA  
**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:

- |  |  |
|--|--|
| <b>IEC 60079-0 : 2011</b><br>Edition: 6.0  | Explosive atmospheres - Part 0: General requirements                                 |
| <b>IEC 60079-1 : 2007-04</b><br>Edition: 6 | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"    |
| <b>IEC 60079-31 : 2008</b><br>Edition: 1   | Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't' |

*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:  
[US/UL/ExTR13.0035/00](#)

Quality Assessment Report:  
[FR/LCI/QAR08.0004/03](#)



# IECEX Certificate of Conformity

Certificate No.: IECEx UL 13.0036X

Date of Issue: **2013-07-12**

Issue No.: **0**

Page 3 of 3

## Schedule

### EQUIPMENT:

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

The Model 425X Flameproof Pressure Transducer consists of pressure sensing elements mounted inside a stainless steel enclosure. The pressure element is welded to the body end and comes in three basic sizes for high, medium and low pressure ranges.

Please see Annex for more details.

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

- Pressure transducers require an appropriate Hazardous Location certified metallic conduit connector certified as Flameproof "d", Dust Ignition Protection "tb" and have a minimum IP66 rating equal to the marking on the the stopping box enclosure.
- Pressure transducers need appropriate connection of the free end of permanently connected cable.