



# 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 SIR 13.0123U** issue No.: **0** Certificate history: \_\_\_\_\_

Status: **Current**

Date of Issue: **2014-02-19** Page 1 of 4

Applicant: **Hoffman Enclosures Inc**  
2100 Hoffman Way  
Anoka  
Minnesota  
55303  
**United States of America**

Electrical Apparatus: **Type EXWK \*\* Range of Window Kit Accessory**  
Optional accessory:

Type of Protection: **Increased Safety and Dust**

Marking: **Ex e IIC Gb**  
**Ex tb IIIC Db**  
Service temperature range<sup>1</sup>: = -55°C to +180°C – HT800  
= -40°C to +70°C – U1E21  
<sup>1</sup>Only the relevant service temperature range depending on gasket fitted is to be applied.

Approved for issue on behalf of the IECEx  
Certification Body:

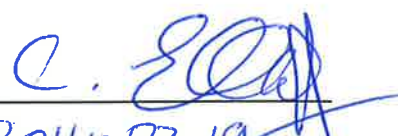
**C Ellaby**

Position:

Deputy Certification Manager

Signature:  
(for printed version)

Date:

  
2014-02-19

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:

**SIRA Certification Service**  
Rake Lane  
Eccleston  
Chester  
CH4 9JN  
United Kingdom

**sira**  
CERTIFICATION



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Manufacturer: **Hoffman Enclosures Inc**  
2100 Hoffman Way  
Anoka  
Minnesota  
55303  
**United States of America**

Additional Manufacturing location  
(s):

These products may be  
manufactured at any Hoffman  
Enclosures Facility listed on  
Quality Assessment Report  
GB/SIR/QAR09.0018/06 that  
has been audited for the  
manufacture of the type of  
protection listed.

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> Edition: 6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-31 : 2008</b> Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
<b>IEC 60079-7 : 2006-07</b> Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/SIR/ExTR14.0024/00](#)

Quality Assessment Report:  
[GB/SIR/QAR09.0018/06](#)



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## Schedule

### EQUIPMENT:

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

The Type EXWK \*\* Range of Window Kit Accessory is intended to be used on enclosures that are suitable for Increased Safety or Explosive Dust applications. The window kit consists of a frame and retainer plate manufactured from either Type 316 stainless steel, 5052 Aluminium or Mild steel, a compression gasket manufactured from either Type BISCO HT-800 silicone or Type U1E21 black open cell polyurethane and the window manufactured from safety glass. The minimum dimension of the window kit is 127 mm x 76 mm and the maximum dimension of the window kit 737 mm x 483 mm, sizes in between this range are permitted and shall comply with all other dimensional requirements of the certification drawing. When the component is installed into a suitably certified enclosure as per the instructions, an IP 66 rating is maintained.

### Schedule of limitations

The user/installer shall comply with the following:

1. The Type EXWK \*\* Range of Window Kit Accessory incorporates one of the following two gaskets, therefore the applicable limiting temperatures are as follows:

Gasket fitted	Limiting service temperature
HT800	-55°C to +180°C
U1E21	-40°C to +70°C

2. The fasteners must be secured with a minimum torque of 1.7 Nm and a maximum torque of 2.3 Nm.

See Equipment (continued) for Conditions of Manufacture.

### CONDITIONS OF CERTIFICATION: NO



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## EQUIPMENT(continued):

### Conditions of manufacture

The Manufacturer shall comply with the following:

1. The manufacturer shall apply the relevant service temperature range on the Certification Label depending on the gasket fitted.