



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 13ATEX3315U** Issue: **1**

4 Component: **Type EXWK \*\* Range of Window Kit Accessory**

5 Applicant: **Hoffman Enclosures**

6 Address: 2100 Hoffman Way (These products may be manufactured at any Hoffman Enclosures Facility listed on Quality Assurance Notification SIRA 09 ATEX M448 that has been audited for the manufacture of the type of protection listed)  
Anoka  
Minnesota  
55303  
USA

7 This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V., Notified Body Number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012

EN 60079-7:2007

EN 60079-31:2009

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:



II 2 G D

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

Project Number 1957

Signed:

Title: Director of Operations

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**CSA Group Netherlands B.V.**  
Utrechtseweg 310,  
6812 AR, Arnhem,  
Netherlands



## SCHEDULE

### EU-TYPE EXAMINATION CERTIFICATE

Sira 13ATEX3315U

Issue 1

#### 13 DESCRIPTION OF COMPONENT

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.

#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawings

Refer to Certificate Annexe.

##### 14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	19 February 2014	R31119A/00	The release of the prime certificate.
1	31st October 2019	1957	<ul style="list-style-type: none"><li>Transfer of certificate Sira 13ATEX3315U from Sira Certification Service to CSA Group Netherlands B.V..</li><li>EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC Type-Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i></li></ul>

#### 15 SPECIAL CONDITIONS FOR SAFE USE

15.1. 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

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

#### 16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

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Utrechtseweg 310,  
6812 AR, Arnhem Netherlands

# Certificate Annexe



**Certificate Number:** Sira 13ATEX3315U

**Component:** Type EXWK \*\* Range of Window Kit Accessory

**Applicant:** Hoffman Enclosures

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## Issue 0

Drawing No	Sheets	Rev.	Date (Sira Stamp)	Title
89104655	1 to 4	A	20 Dec 13	Type EXWK ** Range of Window Kit Accessory

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