



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

Certificate No.: IECEx UL 11.0014U issue No.:1
Status: **Current**
Date of Issue: **2015-01-26** Page 1 of 5
Certificate history:
Issue No. 1 (2015-1-26)
Issue No. 0 (2011-4-28)

Applicant: **Adalet/Scott Fetzer Co.**
4801 W. 150th Street
Cleveland, OH 44135
United States of America

Electrical Apparatus: **Increased Safety Window Assemblies**
Optional accessory:

Type of Protection: **Increased Safety "e" and Protection by Enclosure "tb"**

Marking: Ex e IIC Gb
Ex tb IIIC 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: 2015-01-26

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





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Manufacturer: **Adalet/Scott Fetzer Co.**
4801 W. 150th Street
Cleveland, OH 44135
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 Edition: 6.0 | Explosive atmospheres - Part 0: General requirements |
| IEC 60079-31 : 2008 Edition: 1 | Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't' |
| IEC 60079-7 : 2006-07 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:

[US/UL/ExTR11.0017/00](#)

[US/UL/ExTR11.0017/01](#)

Quality Assessment Report:

[US/UL/QAR08.0003/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The EWK series of window assembly frames are manufactured of 304 stainless steel or 316 stainless steel and are available in various sizes as described below. The window assemblies consist of a window frame, retaining plate, gasket, tempered plate glass, hex nuts, and flat and lock washers. The EWK series window assemblies are intended for installation in increased safety 'e' enclosures and are secured with the hardware provided.

Nomenclature for the EWK Window Assemblies:

| | | | |
|------------|------------|-----------|-----------|
| <u>EWK</u> | <u>-03</u> | <u>03</u> | <u>SS</u> |
| I | II | III | IV |

I - Window Assembly designation

EWk Series

II - Window Viewing Area Length (in.)

Dash and Two Digit Number: -03, -05, -07, -09, -11, -13, -15, -17, -23, -24, -AA*

III - Window Viewing Area Width (in.)

Two Digit Number: 03, 05, 07, 08, 09, 11, 13, 15, 17, 24, BB*

IV - Material Designation

SS - 304 Stainless Steel

SS6 - 316L Stainless Steel

* Where AA and BB are any two digit number manufactured in accordance with drawing no. DS680.

CONDITIONS OF CERTIFICATION: NO



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EQUIPMENT(continued):

Schedule of Limitations

The window assemblies have only been evaluated for installation in increased safety "e" metal enclosures with a minimum IP rating of IP 66.

The gasket and the window have been evaluated as being suitable for a maximum temperature of 95°C.

The window kits shall be installed to a flat rigid surface using the mounting means provided.

To minimize the risk of electrostatic charge, provisions shall be made for adequate grounding and equipment shall be installed in such a manner so that accidental discharge shall not occur.