



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 15.0095U	Issue No: 2	<u>Certificate history:</u>
Status:	Current	Page 1 of 5	Issue No. 2 (2017-02-17)
Date of Issue:	2017-02-17		Issue No. 1 (2015-08-31)
			Issue No. 0 (2015-08-14)
Applicant:	Akron Electric Inc. 1025 Eagon Street Barberton, OH 44203 United States of America		
Equipment:	Type CXJ Series Empty Flameproof Enclosures		
<i>Optional accessory:</i>			
Type of Protection:	Flameproof "db"		
Marking:	Ex db IIB + H2 Gb		
	-40°C ≤ Tamb ≤ +70°C		

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

Andrew Moffat

Position:

Associate Project Engineer

*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





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Manufacturer: **Akron Electric Inc.**
1025 Eagon Street
Barberton, OH 44203
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:

[US/UL/ExTR15.0111/02](#)

Quality Assessment Report:

[US/UL/QAR15.0011/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The rectangular shaped, bolted flanged, empty, flameproof CXJ 4164, 664, 684, 685, 686, 6104, 6115, 6124, 6126, 6135, 6164, 6186, 6485, 7104, 7106, 7185, 884, 886, 888, 8104, 8106, 8108, 8124, 8126, 8128, 9115, 10104, 10106, 10108, 10144, 10146, 10148, 12124, 12126, 12128, 12126LW, 12184, 12186, 12188, 12205, 12244, 12246, 12248, 122410, 12306, 12364, 12366, 12368, 12468, 14144, 14146, 14148, 14286, 16164, 16166, 16168, 161812, 16246, 16248, 162410, 16306, 16366, 16426, 164610, 18184, 18186, 18188, 18246, 18248, 182410, 182412, 18308, 18368, 183610, 24248, 242410, 24308, 24368, 243610, and 243612 series enclosures are constructed of 357 Aluminum Alloy for sizes 4164 to 12128 and 357-T6 Aluminum Alloy for all the rest with internal volumes ranging from 144 in³ (2,360 cm³) for the CXJ 664 to 11,491 in³ (188,304 cm³) for the CXJ 243612. May be provided with or without outside or inside paint. The cover may be with round window options and plug assemblies to close the 1/4-14 NPSM (suffix designation "R3") or 3/8-16 UNC (suffix designation "XMPBP") operator openings provided in the cover as depicted in the drawings noted under the "Drawing" section. The devices may be also be provided with NPT conduit openings on the body sidewall and configured also as depicted in the drawings noted under the "Drawing" section. See Annex for additional information and Schedule of Limitations.

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: Added models in the CXJ series of enclosure, put indication of material variation and internal volume range and added IP66 rating for 'd' protection method.

Issue 2: Drawing revisions.



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Additional information:

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Annex:

[Annex to IECEx UL 15.0095U Issue 2.pdf](#)