



# 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 ETL 13.0022U issue No.: 0 Certificate history:

Status: **Current**

Date of Issue: **2013-08-01** Page 1 of 3

Applicant: **Cooper Crouse-Hinds**  
Wolf and 7th North Streets  
Syracuse, NY 13221 USA  
**United States of America**

Electrical Apparatus: **Enclosures - Ex d & Ex tb**  
Optional accessory:

Type of Protection: **Ex d, Ex tb**

Marking: Ex d IIB+H2 Gb  
Ex tb IIIC Db  
IECEx ETL 13.0022U

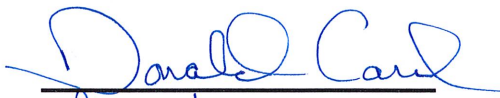
Approved for issue on behalf of the IECEx  
Certification Body:

Donald Card

Position:

Certification Officer

Signature:  
(for printed version)

  
August 1 2013

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:

**Intertek**  
3933 US Route 11 South  
Cortland NY 13045-2995  
United States of America





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Manufacturer: **Cooper Crouse-Hinds**  
Wolf and 7th North Streets  
Syracuse, NY 13221 USA  
**United States of America**

Additional Manufacturing location(s):

**Cooper Crouse-Hinds**  
AV Javier Rojo Gomez No  
1170  
CP 09300  
Mexico City  
Mexico

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:

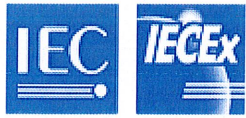
[US/ETL/ExTR13.0028/00](#)

### Quality Assessment Report:

[GB/ITS/QAR10.0005/00](#)  
[GB/ITS/QAR10.0005/03](#)

[GB/ITS/QAR10.0005/01](#)

[GB/ITS/QAR10.0005/02](#)



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## Schedule

### EQUIPMENT:

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

ECP family of empty flameproof enclosures. Enclosures range in sizes based on part number. The enclosure numbers covered by this certification are ECP040604, ECP060804, ECP060806, ECP080806, ECP081006, ECP101006, ECP101008, ECP061204, ECP081204, ECP081206, ECP081208, ECP101406, ECP041604, ECP121204, ECP121206, ECP121208, ECP121806, ECP121808, ECP122408, ECP122410, ECP123608, ECP141406, ECP141408, ECP141410, ECP161606, ECP161608, ECP162408, ECP181806, ECP181808, ECP181810, ECP182408, ECP182410, ECP183008, ECP183608, ECP183610, ECP242408, ECP242410, ECP243008, ECP243608, ECP243610. The numbers represent the nominal sizes of the inside of the enclosures length, width, and depth. The enclosures are made of aluminium with stainless steel cover bolts with a yield stress of 88,000 PSI. There is a gasket that runs on the inside of the cover bolts without interrupting the flange joint.

See Annex 1 for Schedule of Limitations and manufacturer's documentation.

**CONDITIONS OF CERTIFICATION: NO**