



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 10.0040X** issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2011-01-07** Page 1 of 3

Applicant: **Asco**
50 Hanover Drive
Florham Park, NJ 07932
United States of America

Electrical Apparatus: **Electric Solenoid Operators**
Optional accessory:

Type of Protection: **Flameproof "d"**


Marking: **Ex d IIB T6 Gb**

Approved for issue on behalf of the IECEx
Certification Body:

Paul T. Kelly

Position: Principal Engineer, Global Hazardous Locations

Signature:
(for printed version)


2011-01-07

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.

Certificate issued by:

Underwriters Laboratories Inc (UL)
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **Asco**
50 Hanover Drive
Florham Park, NJ 07932
United States of America

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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*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/ExTR10.0047/00

Quality Assessment Report:

NL/KEM/QAR08.0001/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Cat. Nos. HV298934001 and HV298934002 are direct acting electric solenoid operators. Each electric solenoid operator consists of a solenoid housing that connects to a valve body via a threaded joint. The solenoid housing has an integrally cast conduit fitting with factory sealed lead wires for connection to external circuits. The bonnet of the solenoid operator forms a flanged internal joint with the valve body to complete the flameproof enclosure.

The Electric Solenoid Operators, Cat. Nos. HV298934001 and HV298934002, have in addition passed the test for Ingress Protection to IP 67 in accordance with IEC 60529 Edition 2.1 with Corr. 1 (2003-01) + 2 (2007-10).

CONDITIONS OF CERTIFICATION: YES as shown below:

- Contact manufacturer for information on the dimensions of the flameproof joints.
- Replacement parts or rebuild kits are not available.