



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 TUR 16.0029X Issue No: 0 Certificate history:
Issue No. 0 (2016-08-18)

Status: Current Page 1 of 3

Date of Issue: 2016-08-18

Applicant: Ningbo HOYEA Machinery Manufacture Co., Ltd.
Zhoujia, Hengxi town, Yinzhou district, Ningbo, Zhejiang, P.R. China
China

Equipment: Explosion-proof Solenoid
Optional accessory:

Type of Protection: Ex d / Ex tb

Marking:
Ex d I Mb
Ex d II C T6 Gb
Ex tb IIIC T80 °C Db IP65

Approved for issue on behalf of the IECEx
Certification Body:

Andreas Maschke

Position:

Deputy Head of Certification Body

Signature:
(for printed version)



2016-08-18

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:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





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Manufacturer: Ningbo HOYEA Machinery Manufacture Co., Ltd.
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China

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 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6
IEC 60079-31 : 2008 Explosive atmospheres -- Part 31: Equipment dust ignition protection by enclosure 't'
Edition:1

*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:

[DE/TUR/ExTR16.0029/00](#)

Quality Assessment Report:

[DE/TUR/QAR16.0010/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Explosion-proof Solenoid

CONDITIONS OF CERTIFICATION: YES as shown below:

1. WARNING - Do not open while energized.
2. When assembly, operation and maintenance, the operator must follow the requirements of the IEC 60079-14: latest version Explosive atmospheres- Part 14: Electrical installations design, selection and erection, beside of the manufacturer's operating instructions or its National equivalent.
3. Repair and overhaul shall comply with IEC 60079-19: latest version or its National equivalent.