

Certificate

Quality Assurance Notification

Directive 2014/34/EU

Certificate Registr. No. **01 220 1609017**

The Certification Body for Explosion Protection
of TÜV Rheinland Industrie Service GmbH
Reported under no. 0035
certifies:

Certificate Holder:

HOYEA

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

Scope:

Final inspection and testing of Explosion-proof Solenoid.
Type: E-DTBBL-50FYC, E-DTBBL-75FYC, E-DTBBL-100FYC,
E-DTBZ-37FYC, E-DTBZ-90FYC.

Types of protection: [Ex d] [Ex tb]

An audit was performed, Report No. 1609017. Proof has been
furnished that the requirements according to Directive
2014/34/EU Annex VII are fulfilled.

The due date for all future audits is 7th June

Validity:

The certificate is valid from 2016-07-19 until 2019-06-07
First certification 2016



Wuppertal, 2016-07-19

TÜV Rheinland Industrie Service GmbH
Am Grauen Stein, D-51105 Cologne
Dipl.-Ing. Andreas Maschke

(1) EU TYPE-EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 2014/34/EU**
- (3) EU Type-Examination Certificate Number

TÜV 16 ATEX 7412 X

Issue: 00

- (4) **Equipment:** Explosion-proof Solenoid
- (5) **Manufacturer:** Ningbo HOYEA Machinery Manufacture Co., Ltd.
- (6) **Address:** Zhoujia, Hengxi town, Yinzhou district
Ningbo Zhejiang, P.R. China
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Rheinland Zertifizierungsstelle for ex-protected products of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC/Ex7412.00/16
Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0: 2012

EN 60079-1: 2007

EN 60079-31: 2009

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This Type-Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

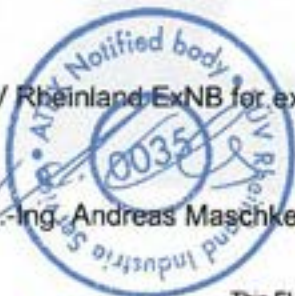


I M2 Ex d I Mb
II 2G Ex d IIC T6 Gb
II 2D Ex tb IIIC T80°C Db IP65

TÜV Rheinland ExNB for explosion protected equipment

Cologne, 2016-08-18

Dipl.-Ing. Andreas Maschke



This EU Type-Examination Certificate without signature and stamp shall not be valid.

This Type-examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the
TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114



防爆电气设备 防爆合格证

证书编号: CNEx10.2782

制造厂家 宁波华液机器制造有限公司
(地址: 浙江省宁波市鄞州区横溪镇周夹村)

产品名称 隔爆型液压阀用直流电磁铁

型号规格 DTBZ-37FYT AC127V

防爆标志 ExdIICT4

产品标准 Q/NHY01—2010

总装图号 DTBZ-37FYT-00

经对上述产品图样及技术文件的审查和样品检验, 确认符合下列标准:
GB3836.1—2000 《爆炸性气体环境用电气设备 第1部分: 通用要求》
GB3836.2—2000 《爆炸性气体环境用电气设备 第2部分: 隔爆型“d”》

记事 本证书可代表产品: DTBZ-37FYT AC220V/DC24V。

本证有效期 2010年11月26日至2015年11月25日

颁发日期 2010年11月26日

中心主任



国家防爆电气产品质量监督检验中心

地址: 中国河南省南阳市仲景北路20号 邮政编码: 473008

电话: 0377-63258564 传真: 0377-63208175 [Http://www.china-ex.com](http://www.china-ex.com)



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)

Date:


2016-08-18

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





IECEX Quality Assessment Report

INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC SCHEME FOR CERTIFICATION TO STANDARDS FOR SAFETY OF
ELECTRICAL EQUIPMENT FOR EXPLOSIVE ATMOSPHERES (IECEX-System)

Report No : DE/TUR/QAR/16.0010/00

Date of Issue : 2016-07-19

Valid until : 2019-06-07


Product Category : Explosion-proof Solenoid
Type "[d]" "[tb]"

Applicant : Ningbo HOYEA Machinery Manufacture Co., Ltd.

**Manufacturing
Locations** : Zhoujia, Hengxi town, Yinzhou district, Ningbo, Zhejiang, P.R.
China

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

Position : Head of Certification Body

Signature : 

Date : 2016-07-19

Quality Report issued by:

TÜV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Köln

 **TÜVRheinland**[®]
Precisely Right.