



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 ITS 10.0064 issue No.:0 Certificate history:

Status: Current

Date of Issue: 2011-02-14 Page 1 of 3

Applicant: **Hockway Ltd.**
Unit 6 Trowers Way Centre
Holmethorpe Industrial Estate
Redhill
Surrey
RH1 2LP
United Kingdom

Electrical Apparatus: **Cathodic Protection Transformer / Rectifier Unit**
Optional accessory:

Type of Protection: **Type "n", Oil Immersion, Flameproof**

Marking: **Ex nA d o IIB / IIC T3 Gc**
IECEX ITS 10.0064
-20°C < Ta < +55°C

Approved for issue on behalf of the IECEx V K Varma
Certification Body:

Position: Certification Officer

Signature:
(for printed version) Vijay K. Varma
Date: 2011-02-14

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:
Intertek Testing & Certification Limited
ITS House, Cleeve Road,
Leatherhead,
Surrey, KT22 7SB
United Kingdom





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Manufacturer: **Hockway Ltd**
Unit 6 Trowers Way Centre
Holmethorpe Industrial Estate
Redhill
Surrey
RH1 2LP
United Kingdom

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
Edition: 5 | Explosive atmospheres - Part 0: Equipment - General requirements |
| IEC 60079-1 : 2007-04
Edition: 6 | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" |
| IEC 60079-15 : 2010
Edition: 4 | Explosive atmospheres - Part 15: Equipment protection by type of protection "n" |
| IEC 60079-6 : 2007-03
Edition: 3 | Explosive atmospheres - Part 6: Equipment protection by oil immersion "o" |

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:

GB/ITS/ExTR10.0060/00

Quality Assessment Report:

GB/ITS/QAR10.0025/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Hockway Range of Cathodic Protection Rectifier/Transformers, rated at up to 100V d.c. and 688A output and having a maximum d.c. wattage output of up to 20kW, dependent on the size of the oil filled enclosure, comprises a three or single phase transformer, smoothing choke and thyristor rectifier pack and ancillary components, all immersed in oil.

Located on top of the oil tank and providing its cover is an enclosure housing connection facilities, fuses, surge arresters and output meters protected by reverse connected diodes.

The electrical supply to the equipment is provided via Cortem S.p.a CCFE/EJB Series enclosures coded Ex d IIB (Tamb -20°C to +55°C) certified under certificate IECEx TSA 06.0011 or Type CCA/GUB Enclosures coded Exd IIC (Tamb -20°C to +55°C) certified under certificate IECEx TSA 06.0012 or MCB type EFD coded Ex d IIC (Tamb -20°C to +55°C) certified under certificate IECEx TSA 06.0009.

Cable entry holes are provided as specified in the Instructions for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be filled with suitably certified flameproof stopping plugs. The cable entry devices, thread adapters and stopping plugs shall be suitable for the equipment, the cable and the conditions of use and shall be certified under the IECEx Scheme.

Internal and external earthing facilities are provided.

Units are suitable for use in IIB Gas Group or IIC Gas Group when provided with corresponding appropriately certified flameproof enclosures, together with additional electrostatic hazard mitigation measures for Gas Group IIC types.

CONDITIONS OF CERTIFICATION: NO

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