



1 **TYPE EXAMINATION CERTIFICATE**

2 **Equipment Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Type Examination Certificate Number: **Baseefa07ATEX0261**

4 Equipment: **Range of IIC Cathodic Protection Transformer/Rectifiers**

5 Manufacturer: **Hockway Limited**

6 Address: **Unit 6, Trowers Way Centre, Holmethorpe Industrial Estate, Redhill,
Surrey, RH1 2LP**

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd. certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment of Category 3 intended for use in potentially explosive atmospheres given in Annex II to European Union Directive 94/9/EC of 23 March 1994.

The examination and test results are recorded in confidential Report No. 07(C)0877

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN60079-0: 2006
EN60079-15: 2005**

except in respect of those requirements listed at item 18 of the Schedule.

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 of the specified equipment and not to specific items of equipment subsequently manufactured.

12 The marking of the equipment shall include the following :

(Ex) II 3G ExnAod IIC T3 (T_{amb} -20°C to +55°C)

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0522

Project File No. 07/0877

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



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Schedule

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Certificate Number Baseefa07ATEX0261

15 Description of Equipment

The Range of IIC 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 30kW dependent on size of oil filled enclosure, comprises a three or single phase input variac, a three or single phase transformer dependant on input and a rectifier, all immersed in oil.

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

The electrical supply to the equipment is provided via a Cortem S.p.a Type CCA, GUB or CCAI Command, Control and Signalling Unit certified under CESI01ATEX036 coded EExd IIC T5 (T_{amb} -20°C to +55°C).

To obviate the risk from internal hotspots the enclosure must not be opened even when isolated, when a flammable atmosphere is present. A label stating this information is fitted externally to each and every enclosure.

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 fitted with suitable 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 as Equipment (not a Component) under an EC-Type Examination Certificate to Directive 94/9/EC.

Internal and external earthing facilities are provided.

16 Report Number

Baseefa Certification Report 07(C)0877, this report is common to Baseefa07ATEX0155 and is held with that certificate.

17 Special Conditions for Safe Use

None

18 Essential Health and Safety Requirements

See the above Baseefa Certification Report, in addition to those covered by the standards at item 9.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
*SD-113	1 to 3	8	11/07	Cathodic Protection Transformer/Rectifier (Zone 2)
*SD-C-1362	-	1	12/11/07	ATEX Tank Sizes and Dissipations
*ATEX Cables	-	1	16/11/07	Cable Current Ratings
SD-B-1249/2	-	0	26/07/07	ATEX Oil Sight Guard (IIC Transformer)
SD-A-148/B	-	7	27/7/07	Certification Label IIC Transformer

*These drawings are common to Baseefa 07ATEX0155 and are held with that certificate.