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 LCI 08.0025X	issue No.:0	Certificate history:
Status:	**Current**		
Date of Issue:	**2008-05-23**	Page 1 of 3	

Applicant: **EXHEAT LIMITED**
Threxton Road Industrial Estate
Watton, Thetford, Norfolk
IP25 6NG
United Kingdom

Electrical Apparatus: **Flameproof Instrument Housing**
Optional accessory:

Type of Protection: **d, tD**

Marking: **EXHEAT LTD**
HIH
IECEx LCI 08.0025 X
Ex d IIC T6
Ex tD A21 IP66 T85°C
Serial number
WARNING - DO NOT OPEN WHILE ENERGISED
DO NOT OPEN IN THE PRESENCE OF EXPLOSIVE ATMOSPHERE

Approved for issue on behalf of the IECEx Certification Body: Marc GILLAUX

Position: Ex Certification Manager

Signature:
(for printed version)

Date: 09/06/2008

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:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France

L C I E

IE-01

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Manufacturer: **EXHEAT LIMITED**
Threxton Road Industrial Estate
Watton, Thetford, Norfolk
IP25 6NG
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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2003 Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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:

FR/LCI/ExTR08.0029/00

Quality Assessment Report:
FR/LCI/QAR06.0005/01

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Principle of Operation :
The HIH type flameproof instrument housing is designed to contain process transmitters which convert process sensor couditions such as temperature and pressure to industry standard outputs such as 4-20mA or for connection to an industry standard digital bus such as FieldBus or Profi-Bus.
Optionally a display may be contained with an be viewed through an optional window in the cover.
Ihe enclosure may also be used to house terminations for connecting single or multiplr sensor to field wiring.
The sensor(s) and tansmitter may be part of an Intinsioally Safe cirsuit
Operating Conditions :
This equipment is designed to operate in an ambient temperature of -50 °C to +60 °C.
Definiton of Enclosure :
Stainless steel of cast construction with a threaded cover. The cover is plain or optionally contains a viewing window and forms a weather tight IP66 seal using an 'o'ring secured in place with RTV sealant
Electrical connection to external circuits :
All external electrical connections are terminated in the terminal enclosure.
Transmitters
Any tansmitter fitted must be compliant for use in an ambient temperature of -50 °C to +60 °C with a maximum power dissipation of 5 W or less.

CONDITIONS OF CERTIFICATION: YES as shown below:

Tamb : -50°C to +60°C