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 DEK 11.0017 issue No.:0	Certificate history:
Status:	**Current**	
Date of Issue:	**2011-05-25**	Page 1 of 3

Applicant: **Condor Technology Ltd.**
Havenstraat 66
1271 AG Huizen
The Netherlands

Electrical Apparatus: **Heaters Cameo-S and Smart Heaters, Thermostat FIX-THERM96**
Optional accessory:

Type of Protection: **Ex d, tD**

Marking: **Heaters:**
Ex d IIC T4 or T3
Ex tD A21 IP66 T 135 °C or T 200 °C
Thermostat:
Ex d IIC T6 or T4
Ex tD A21 IP66 T 85 °C or T 135 °C

Approved for issue on behalf of the IECEx Certification Body: T. Pijpker

Position: Certification Manager

Signature:
(for printed version)

Date: 2011-05-25

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:

DEKRA Certification B.V.
Utrechtseweg 310
6812 AR Arnhem
The Netherlands

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

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Manufacturer:

Condor Technology Ltd.
Havenstraat 66
1271 AG Huizen
The Netherlands

Additional Manufacturing location(s):

Condor Technology Ltd.
Havenstraat 66
1271 AG Huizen
The Netherlands

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 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "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:

NL/DEK/ExTR11.0013/00

Quality Assessment Report:

NL/DEK/QAR11.0002/00

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description heaters:
Self-limiting heating element Cameo-S, models CT- *A, LP-*A, LP-*S, CS-*S, SP-*A, LP-0AHP and LP-0SHP and Smart Heater, models SM-*A, SM-0AHP, SMLP-*A and SMLP-0AHP for fixed installation. It consists of a body made of aluminium or stainless steel, alternatively with fins, complete with PTC-heating element, cable gland and cable as an integral part of the heater.

The relation between the Model and the Temperature class/ code is given in the following table:

Model	Temperature class / code
xx-0x / xx-1x	T3 / T200 °C
xx-2x / xx-3x / xx-4x	T4 / T135 °C

Ambient temperature range -60 °C to +90 °C.

Description thermostat:
Thermostat FIX-THERM96 Model TH-../.. for fixed installation. It consists of a body made of aluminium or stainless steel, complete with cable gland and cable as an integral part of the thermostat.
Maximum measuring temperature for T6 / T 85 °C is 80 °C.
Maximum measuring temperature for T4 / T 135 °C is 130 °C.

Ambient temperature range:
-50 °C to +75 °C for T6 / T 85 °C
-50 °C to +90 °C for T4 / T 135 °C

Electrical data:

Heaters:	
Rated voltage	12-36 V or 110-240 V
Power	max. 500 W
Thermostat:	
Voltage	max. 240 V
Current	max. 6 A

CONDITIONS OF CERTIFICATION: NO