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 EPS 16.0048X

Issue No: 2

Certificate history:
Issue No. 2 (2017-07-27)
Issue No. 1 (2017-02-20)
Issue No. 0 (2016-10-21)

Status: **Current**

Date of Issue: **2017-07-27**

Applicant: **STEGO France SAS**
Port de Conflans Fin d'Oise
Le Beaupré N° 2
78700 Conflans Sainte Honorine
France

Equipment: **Convection type heater: CREx020xx.x-xx**

Optional accessory:

Type of Protection: **Flameproof enclosures "d", Protection by enclosure "t"**

Marking:

Ex db IIC T3/T4/T5 Gb

Ex tb IIIC T200°C/T135°C/T100°C Db IP66

Ex db I Mb

Approved for issue on behalf of the IECEx Certification Body: Holger Schaffer

Position: Manager Certification

Signature:
(for printed version)

Date:

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:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany

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Manufacturer:	**STEGO France SAS** Port de Conflans Fin d'Oise Le Beaupré N° 2 78700 Conflans Sainte Honorine **France**	

Additional 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 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*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:

DE/EPS/ExTR16.0048/00

Quality Assessment Report:

FR/LCI/QAR07.0009/08

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The cabinet heater type CREx020xx.x-xx is made by aluminium profile with insert for resistance heater closed by certified cable gland. The intended use is for temperature maintainance and prevent of condense water inside cabinets.

Depending on power and ambient temperature following temperature class ratings are used:

Temperature class	Power	Ambient temperature	Voltage 230V	Voltage 120V
T3	50W	-60°C ≤Ta≤+85°C	CREx02031.0-XX	CREx02031.9-XX
T3	100W	-60°C ≤Ta≤+85°C	CREx02032.0-XX	CREx02032.9-XX
T3	150W	-60°C ≤Ta≤+85°C	CREx02033.0-XX	CREx02033.9-XX
T3	200W	-60°C ≤Ta≤+85°C	CREx02034.0-XX	CREx02034.9-XX
T3	250W	-60°C ≤Ta≤+85°C	CREx02035.0-XX	CREx02035.9-XX
T4	50W	-60°C ≤Ta≤+50°C	CREx02041.0-XX	CREx02041.9-XX
T4	100W	-60°C ≤Ta≤+50°C	CREx02042.0-XX	CREx02042.9-XX
T4	150W	-60°C ≤Ta≤+50°C	CREx02043.0-XX	CREx02043.9-XX
T4	200W	-60°C ≤Ta≤+50°C	CREx02044.0-XX	CREx02044.9-XX
T5	50W	-60°C ≤Ta≤+50°C	CREx02051.0-XX	CREx02051.9-XX
T5	100W	-60°C ≤Ta≤+50°C	CREx02052.0-XX	CREx02052.9-XX

SPECIFIC CONDITIONS OF USE: YES as shown below:

The installation shall be made according to manufacturer instructions only in vertical position with sufficient distances to allow convection.

The Heater is not intended for active heating of equipment only for regulated maintenance. The temperature insided the cabinet must be controlled and limited to stay below the rated ambient temperature limits of the heating device.

For use in group I environment the device must be built inside certified Ex-e enclosure.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Rev. 1: Formal changes

Rev. 2: Addition of group I