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 LCIE 13.0036 issue No.:0

Certificate history:

Status: **Current**

Date of Issue: **2013-10-28** Page 1 of 3

Applicant: **FEAM**
Via Pagano 3
20090 Trezzano s/N
Italy

Electrical Apparatus: **Explosion proof light fittings for fluorescent lamp**
Optional accessory: Type : AVC*XG***

Type of Protection: **Ex e q, Ex tb**

Marking: FEAM
Address: ...
Type : AVC*XG***
Serial Number : ...
Year of construction : ...
Ex e q IIC T4 Gb
Ex tb IIIC T80°C Db
IP65
IECEx LCIE 13.0036
U, I
WARNING - DO NOT OPEN WHEN ENERGIZED

Approved for issue on behalf of the IECEx Certification Body: Julien GAUTHIER

Position: Certification Officer

Signature:
(for printed version)

Date: 2013-10-28

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
Documents relative to LCIE certification activites (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".

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Manufacturer: **FEAM**
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Italy

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 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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-5 : 2007-03 Edition: 3	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/LCIE/ExTR13.0033/00

Quality Assessment Report:

IT/CES/QAR09.0003/03

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Schedule

EQUIPMENT:
Equipment and systems covered by this certificate are as follows:

Fluorescent lighting fixture made of INOX and glass. It includes a ballast protected by powder filling.
Other parts of the luminaire comply with requirements of increased safety.

See attachment for more details.

CONDITIONS OF CERTIFICATION: NO

Annex: LCIE 13.0036 - Issue 00 - Attachment 01 - FEAM- AVC XG.pdf

Ratings :

Rated voltage :
Un = 96-254 VAC, 50/60 Hz
Un = 96–130 VDC

Rated Power : 1×18W, 2×18W, 1×36W or 2×36W

List of models :

AVC-*-XG--***	**AVC**	**-***	**-****	**-*****
	Type	Model	Number of lamps	Lamps power
		- : Normal **E :** Emergency	**1** **2**	**18 :** 18W **36 :** 36W

Routine verifications and tests :

According to clause 7.1 of standard IEC 60079-7, each above apparatus shall be submitted before delivery to a dielectric strength test under 1500 Volts (carried out in accordance with clause 6.1)