



# 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](http://www.iecex.com)

Certificate No.: **IECEX UL 13.0062X** issue No.:1  
Status: **Current**  
Date of Issue: **2015-08-20** Page 1 of 4

Certificate history:  
Issue No. 1 (2015-8-20)  
Issue No. 0 (2013-9-26)

Applicant: **Euramco Safety Inc.**  
2746 Via Orange Way  
Spring Valley, CA 91978  
**United States of America**

Electrical Apparatus: **Portable Fan, types UB20xx, EFi75xx, EFi120xx and EFi150xx**  
*Optional accessory:*

Type of Protection: **Flameproof Enclosures "d" and Increased Safety "e"**

Marking: **Ex d e IIB T6 Gb**  
**-20 °C to + 40 °C**

*Approved for issue on behalf of the IECEx  
Certification Body:*

Paul T. Kelly

*Position:*

Principal Engineer, Global Hazardous Locations

*Signature:  
(for printed version)*

*Date:*

2015-08-20

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](http://www.iecex.com).

Certificate issued by:

**UL LLC**  
**333 Pfingsten Road**  
**Northbrook IL 60062-2096**  
**United States of America**





# IECEX Certificate of Conformity

Certificate No.: IECEX UL 13.0062X

Date of Issue: **2015-08-20**

Issue No.: **1**

Page 2 of 4

Manufacturer: **Euramco Saftey Inc.**  
2746 Via Orange Way  
Spring Valley, CA 91978  
**United States of America**

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** Explosive atmospheres - Part 0: General requirements  
Edition: 6.0

**IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition: 6

**IEC 60079-7 : 2006-07** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition: 4

*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:

[US/UL/ExTR13.0063/00](#)

[US/UL/ExTR13.0063/01](#)

#### Quality Assessment Report:

[US/UL/QAR12.0011/01](#)



# IECEX Certificate of Conformity

Certificate No.: IECEx UL 13.0062X

Date of Issue: **2015-08-20**

Issue No.: 1

Page 3 of 4

## Schedule

### **EQUIPMENT:**

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

The fans are intended to be used for ventilation purposes and are constructed of an IECEx Ex d IIB Motor, a plastic cover, an IECEx Ex d e IIC junction box (including cable glands).

Models UB20xx, EFi75xx, EFi120xx and EFi150xx are similar in construction. The Model UB20xx uses separately approved increased safety cable glands rather than the ones that come with the outlet box.

Please see Annex for additional information.

### **CONDITIONS OF CERTIFICATION: YES as shown below:**

The equipment is provided with supply connection flying leads to be connected on the field. The connection of the flying leads must be done following installation instructions provided on installation standards such as IEC 60079-14 and the manufacturer's recommendation.

**DECLARATION OF CONFORMITY**  
**ATEX Certified Portable Fans**  
**ATEX Directive 94/9/EC**

This Declaration of Conformity is issued for ATEX certified, flame proof, increased safety, portable fans, intended for use in potentially explosive atmospheres, manufactured by Euramco Safety, Inc. as referenced herein.

**Issue Date:** April, 2014

**Manufacturer:** **Euramco Safety, Inc.**  
2746 Via Orange Way  
Spring Valley, CA 91978 USA

**Equipment Descriptions:**

UB20xx	8" / 20 cm ATEX Blower Exhauster, 0.33hp
EFi75xx	12" / 30 cm ATEX Blower Exhauster, 0.75hp
EFi120xx	16" / 40 cm ATEX Blower Exhauster, 1.2hp
EFi150xx	16" / 40 cm ATEX Blower Exhauster, 1.5hp

**Hazardous Location Rating:** **EX II 2 G Ex d e IIB T6 Gb**  
**T6, non-mining gases up to 85°C**

**Notified Body:** **UL International DEMKO A/S**  
CE 0539  
Lyskaer 8,  
P.O. Box 514,  
DK-2730 Herlev, Denmark

**EC-Type Exam. Cert. No.:** **DEMKO 09 ATEX 0926969X Rev. 0**

**Primary Standards:** EN 60079-0:2009      EN 60079-1:2007      EN 60079-7:2007

**Additional Standards:**

EN 294	Safety Distances
EN 953	Design & Construction of Fixed and Movable Guards
EN 14986	Design of Fans working in Potentially Explosive Atmospheres
EN 50081-2	Electromagnetic Compatibility - Industrial
EN 61000-6-2	Electromagnetic Compatibility - Immunity for Industrial Environments
89/336/EEC	EMC Directive
89/392/EEC	Machinery Directive as amended by 91/368/EEC, 93/44/EEC, & 93/68/EEC

Euramco Safety, Inc. hereby declares that equipment described above conforms with the protection requirements of ATEX Council Directive 94/9/EC on the approximation of the laws of the Member States Concerning Equipment and Protection Systems Intended for use in Potentially Explosive Atmospheres.



Jack Simmons  
QA & Engineering Manager

