



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 PRE 14.0054X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2015-12-02\)](#)
Date of Issue: **2015-12-02** [Issue No. 0 \(2015-05-06\)](#)
Applicant: **Autronica Fire and Security AS**
Haakon VII's Gata 4
7041 Trondheim
Norway
Electrical Apparatus: **Sintered Element in Flame arrestor OFA-Breather & Drain Device**
Optional accessory: *Type OFA1 and OFA 2*
Type of Protection: **Flameproof enclosures "d"**
Marking: Ex d IIC T6 Gb

Approved for issue on behalf of the IECEx
Certification Body:

Asle Kaastad

Position:

Certification Manager

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:

DNV Nemko Presafe AS
Gautadalleen 30
P.O.Box 73 Blindern
0314 Oslo
Norway





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Manufacturer: **Autronica Fire and Security AS**
Haakon VII's Gata 4
7041 Trondheim.
Norway

Additional Manufacturing
location(s):

Autronica Fire and Security AS
Stalsbergvn. 9
N-3128 Nøtterøy
Norway

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

*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:

[NO/PRE/ExTR14.0050/00](#) [NO/PRE/ExTR14.0050/01](#)

Quality Assessment Report:

[NO/NEM/QAR10.0005/03](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The flame arrester with sintered element consists of a stainless steel metallic body with threads M20x1.5. A sintered element is press fitted to a metallic body. It is intended to be used as breather and drain devices according to IEC 60079-1.

Limiting Reference Pressure: 13bar

Where applicable the manufacturer shall declare stating,

CONDITIONS OF CERTIFICATION: YES as shown below:

The Flame arrester OFA-Breather & Drain Device is suitable for use with enclosure having internal diameter 10mm and maximum volume is 2000 cm³.



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

- 00- Original issue
- 01- Changes to the description, no technical change or technical evaluation