



# 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 SEV 18.0017X

Issue No: 1

Certificate history:

Status: **Current**

Issue No. 1 (2018-08-20)

Issue No. 0 (2018-07-18)

Date of Issue: **2018-08-20**

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Applicant: **Camfil GmbH**  
Feldstrasse 26-32  
23858 Reinfeld  
**Germany**

Equipment: **MEGALAM-EX Filter, Type MD\*\*\*, MX\*\*\*, MG\*\*\***

Optional accessory:

Type of Protection: **"h"**

Marking:  
Ex h IIC T6 Gb  
Ex h IIIB T60 °C Db

Approved for issue on behalf of the IECEX  
Certification Body:

Martin Plüss

Position:

Manager Product Certification

Signature:  
(for printed version)

Date:

2018-08-20

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:

**Eurofins Electrosuisse Product Testing AG**  
Luppenstrasse 3  
CH-8320 FEHRALTORF  
Switzerland



Electrosuisse  
Product Testing



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Manufacturer: **Camfil GmbH**  
Feldstrasse 26-32  
23858 Reinfeld  
**Germany**

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:

**ISO 80079-36 : 2016** Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic methods and requirements  
Edition:1.0

*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:

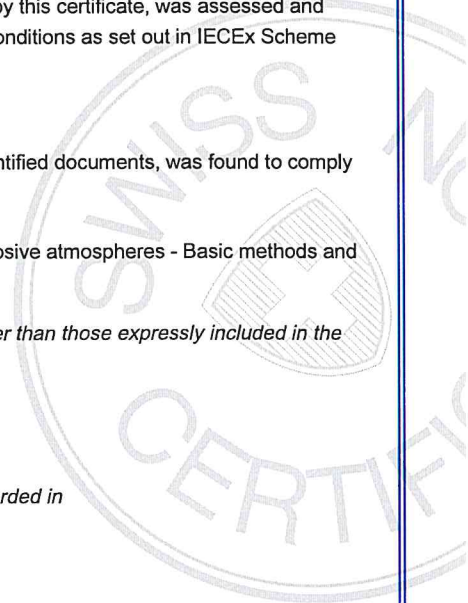
*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

### Test Report:

CH/SEV/ExTR18.0019/01

### Quality Assessment Report:

CH/SEV/QAR18.0001/00





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## Schedule

### EQUIPMENT:

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

MEGALAM-EX Filter

Type:

MD\*\*\_\*\*\*\*\*\_\*\*\*x\*\*\*x\*\*\_\*\*\*/EX

MX\*\*\_\*\*\*\*\*\_\*\*\*x\*\*\*x\*\*\_\*\*\*/EX

MG\*\*\_\*\*\*\*\*\_\*\*\*x\*\*\*x\*\*\_\*\*\*/EX

The filter panel MEGALAM EX is designed to be used in a potentially explosive atmosphere. It is certified.

Megalam-Ex product family Megalam Camfil serve exclusively for the filtration of solid particles and dusts of any kind and size from the air in ventilation systems and treatment of process air.

Routine tests, if any:

Check the volume resistances of the frame with the corresponding grids.

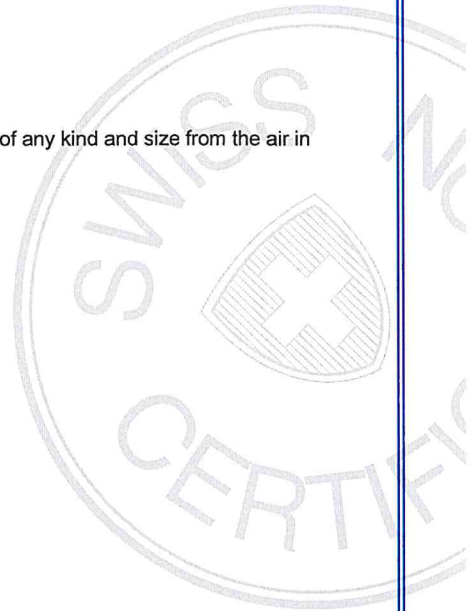
Classification of installation and use: Stationary

Rated ambient temperature range (°C): -20 °C ... +60 °C

Type key see Annexe to certificate

### SPECIFIC CONDITIONS OF USE: YES as shown below:

- The frame must be earthed.
- At the time of exchange the filter no explosive atmosphere is permitted.
- Dust atmospheres with an ignition protection energy < 3 mJ are not permitted.
- The air speed must not exceed 3 m/s.
- Hybrid mixtures are not allowed.





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

No technical changes.

Only the type key has changed. This change has no influence on the safety in the explosion protection and does not need a new assessment. It is therefore only formally mandatory, otherwise the largest filter types would not be allowed in the certificate.

**Annex:**

IECEx SEV 18.0017X Annexe Issue 1.pdf

