

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or protective System intended for use in potentially  
explosive atmospheres Directive 2014/34/EU**

3 EU - Type Examination Certificate Number: **DTI 18ATEX0087X – Rev.02**

4 Product: **Gas Sensing Device**  
Type: **SulfiLogger™ X1-BCDE-F**

5 Manufacturer: **SulfiLogger A/S**

6 Address: **Tueager 1**  
**DK-8200 Aarhus N, Denmark**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Danish Technological Institute, Notified Body number 0396, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. DTI 18ATEX0087-01.

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 Incl. A11:2013 and EN 60079-11:2012

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following :

 **II 1G Ex ia IIC T4 Ga**

Danish Technological Institute  
Certification & Inspection

Date: 2020-07-29

  
Jakob Nittegaard  
ATEX Manager





**16 Report Number**  
DTI 18ATEX0087-02

**17 Specific Conditions of Use**

- Disassembling of the device is only allowed by the manufacturer, disassembling by the user will invalidate the certificate.
- Ambient temperature area for the product is specified to:  $T_{amb}$ : -20°C to +60°C.
- Prober bonding of the sensor must be done in accordance with local installation requirements.

**18 Essential Health and Safety Requirements**

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

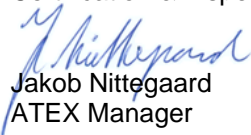
None

**19 Drawings and Documents**

Drawing Name	Page	Date	Revision
SulfiLogger™ X1- ATEX protection overview		10/07/2020	
SulfiLogger™ sensor & PowerCom Box Installation Manual	2 pages	July 2020	1.02
Overview Sulfilogger EX Core PCB	1 of 12	09-04-2019	v2r0
Overview Sulfilogger EX Core PCB	2 of 12	09-04-2019	v2r0
Errata	3 of 12	09-04-2019	v2r0
Main	4 of 12	09-04-2019	v2r0
Controller	5 of 12	09-04-2019	v2r0
Ex_Connection	6 of 12	09-04-2019	v2r0
Power	7 of 12	09-04-2019	v2r0
ADC_FrontEnd	8 of 12	09-04-2019	v2r0
DAC	9 of 12	09-04-2019	v2r0
Amp	10 of 12	09-04-2019	v2r0
Sensor Connection	11 of 12	09-04-2019	v2r0
Battery Supply	12 of 12	09-04-2019	v2r0
Bill of materials		08-04-2019	C00042_v2r0
Main Assembly 1902d0001		10-07-2020	V01-103

Taastrup, 2020-07-29

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