



1 TYPE EXAMINATION CERTIFICATE

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

3 Type Examination Certificate Number: **DTI 23ATEX0314X Rev. 01**

4 Product: **Continuous drip Fuel Sampler
Model: FS5051**

5 Manufacturer: **Fuelsampler A/S**

6 Address: **Hoejvangen 2, DK-3480 Fredensborg
Denmark**

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

8 Danish Technological Institute certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and assessment are documented in confidential Report No. 23ATEX0314, J193986, and DTI 23ATEX0314X - Addendum No. 01, 366153.

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

EN ISO 80079-36:2016 Incl. AC:2019, EN ISO 80079-37:2016

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 certification relates to the design, examination and tests of the specified equipment or protective system. Further requirements of the directive may apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate

12 The marking of the product shall include the following:

Ex II 2G Ex h IIB T4 Gb

Danish Technological Institute
Certification & Inspection

Issue Date: 2026-09-30
Expiry Date: 2031-09-30

Klaus Sand Christensen
ATEX Consultant



13

Schedule

14

Certificate Number DTI 23ATEX0314X

15 Description of Product

This continuous drip fuel sampler model FS5051 can be mounted directly to the manifold or on a DNV flange without any hoses. The sampler is hanging on the probe and can sample automatically into any size bottle. The sampler is pneumatically driven only. The sampler requires positive pressure in the bunker line.

Name: Fuel Sampler
Model: FS5051

Specifications

Specified Ambient temperature area: -20°C to +40°C

- Working air pressure: 6-8 bar
- Timer (bunker time): no limit
- Max line pressure: 12 bars
- Materials: stainless steel AISI 316 - Case and fittings
- Size: 20x24x27 cm
- Weight: 5 kg

16 Report Number

23ATEX0314/ J193986

17 Specific Conditions of Use

- It is essential for the safety that the manufacturers Operation Manual is followed. Especially it is important that the device is grounded prior and during operation.

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

Title	Drawing No	Date
User Manual	Fuelsampler FS5051-AA300	11-07-2022
Marking plate / ATEX Label		TI date: 30-06-2023
Exploded view / BOM	DAA300-DK	28-06-2023

Additional information