



# TYPE APPROVAL CERTIFICATE

Certificate No:  
**TAP00000ZX**  
Revision No:  
**1**

## This is to certify:

**That the Continuous drip fuel sampler**

with type designation(s)  
**FS5051**

Issued to

**Fuelsampler.com ApS**  
**Fredensborg, Denmark**

is found to comply with

**DNV class programme DNV-CP-0212 – Type approval – Continuous drip fuel sampler**  
**DNV rules for classification – Ships**

## Application :

**The sampler shall take continuous samples in accordance with MARPOL 73/78 Annex VI Reg.18 and MPEC.182(59)**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.**

Issued at **Høvik** on **2022-11-09**

for **DNV**

This Certificate is valid until **2027-11-08**.

DNV local station: **Copenhagen Fleet In Service**

Approval Engineer: **Erik Istad**

**Dalibor Bukarica**  
**Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



## Product description

Pneumatic driven continuous drip fuel sampler. The sampler is time dependant and/or flow dependant.

Connection is made via a pipe fitting or flange.

Materials:

Box and pipe: Stainless steel A316 & Steel

Sampling volume: 1 to 10 litres

Dimensions of sampler box: The sampler unit can be mounted in a box of stainless steel (A316) of any size as a single sampler unit or as multiple sampler units.

Bunker time for sampling may be manually set by operator to ensure correct sampling volume to be collected during the bunkering operation.

## Application/Limitation

The sampler unit is working in piping class I, P>16 bar for fuel pressure on the bunker side.

Working pressure air: 7 bar.

The sampler unit shall be installed and operated according to the manufacturer's procedures.

## Type Approval documentation

Drawings: FU5051 dated 2022.07.11  
Manufacturer's test reports dated 2013-04.13 and 2008.07.01  
Maker's installation, maintenance and operating manual.  
Instructual CD

## Tests carried out

Leakage- and functional test

## Marking of product

For traceability to this type approval the products are at least to be marked with:

- Manufacturer's name or trademark.
- Type designation
- Serial number

## Periodical assessment

For retention of the type approval, a DNV Surveyor shall perform a survey – after two years, after 3,5 years and before the expiry date of this certificate - to verify that the conditions for the type approval are complied with.