

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Continious drip fuel sampler**with type designation(s)
FSU2013

Issued to

**Fuelsampler.com ApS
Espergærde, Denmark**is found to comply with
DNV GL rules for classification – Ships**Application :****The sampler shall take continious samples in accordance with MARPOL 73/78 Annex VI
Reg.18 and MPEC.182(59)**Issued at **Høvik** on **2017-06-22**for **DNV GL**This Certificate is valid until **2022-06-21**.DNV GL local station: **Copenhagen**Approval Engineer: **Ole Henrik Kverndal Pedersen****Torill Grimstad Osberg
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.



Job Id: **262.1-006710-3**
Certificate No: **TAP00000ZX**

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

Sampling volume: 1 to 10 litres

Bunker time: Up to 16 hours

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.

Application/Limitation

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

Working pressure air: 6 to 8 bar.

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

Type Approval documentation

Drawings: FUS2013.01 dated 2013-04.13
Manufacturer's test reports dated 2013-04.13 and 2008.07.01
Maker's installation, maintenance and operating manual.
Instructional 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 GL 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.