

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Pneumatic Controller**with type designation(s)
NS 754 A Liquid Level Controller

Issued to

Nakakita Seisakusho Co., Ltd.
Daito, Japanis found to comply with
DNV GL rules for classification – Ships Pt.4 Ch.6 Piping systems**Application :****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.****M.A.W.P. [bar] 10 bar**
Air Supply [bar] 1.4 bar
Control Air [bar] 0.2 bar up to 1.0 barIssued at **Hamburg** on **2018-08-28**This Certificate is valid until **2023-08-27**.DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Christian Kaemmer**

Olaf Drews
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.



Product description

Liquid Level Controller consisting of main parts:
Diaphragm case, frame, cover, base, measuring element.

The level range is +/- 50 mm to 150 mm
 +/- 100 mm to 300 mm

Material diaphragm case: FC200

The liquid level controller NS 754 A is type-approved for the use in pipe class III.

Type Approval documentation

Marking of product

For traceability to this type approval, each actuator is to be marked with:

Manufacturer's name
Type, Size
Maximum working pressure M.A.W.P.
Maximum allowable working temperature

Periodical assessment

For retention of the type approval certificate periodical assessments shall be carried out at production places by DNVGL surveyor.
The objective of the periodical assessment is to verify that the design and production conditions for the type approval have not been altered.

Main scope of the assessment:

- verification of the production and quality control system
- review of quality control documentation of recent deliveries
- review of drawings in production to verify any design changes which may have an impact on data specified in the type approval certificate, performance and range of application
- verification of the product marking

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.