

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Magnetic Liquid Level Indicator**with type designation(s)
UHZ-511, UHZ-512, UHZ-515

Issued to

Jiangsu Yuanwang Instrument Group Co., Ltd.
Jiangyan City, JIANGSU, Chinais found to comply with
DNV GL rules for classification – Ships Pt.4 Ch.6 Piping systems**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.****Design: Magnetic Level Indicator**Issued at **Hamburg** on **2019-10-18**This Certificate is valid until **2024-10-17**.DNV GL local station: **Shanghai**for **DNV GL**Approval Engineer: **Hagen Markus**

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

Magnetic level indicators made of stainless steel.

Technical Data

Assembly drawings	UHZ-511	UHZ-512	UHZ-515
	UHZ-511-00	UHZ-512-00	UHZ-515-00
Materials			
Flanges, pipe studs and float chamber	Stainless steel		
Float			
Scale	Aluminium alloy		
Operational data			
Media	Oil / Water		
Pipe class	II and III depending on the media		
Max. working pressure	1.0 MPa		
Max media temperature	100°C	180°C	100°C

Note

¹ For pipe classes refer to DNVGL Rules Pt.4, Ch.6 Section 1. Regarding material certificates Section 2 – Materials and welding Section 10 is to be observed.

Application/Limitation

The magnetic level gauges of type UHZ devices may be used as tank level indicators on tanks.

For selection and installation the manufacturers installation instructions are to be observed.

Tanks containing flammable liquids

At each tank connection a self-closing valve is to be fitted and protected against mechanical damage.

Tank level gauges with tank connection below the tank top are not approved on passenger ships.

Reference DNVGL Rules Pt.4, Ch.6 – Section 4.

Type Approval documentation

Tests carried out

Vibration test, Pressure test.

Job Id: **262.1-030960-1**
Certificate No: **TAP00001XK**

Marking of product

Each level gauge is provided with name plate.

Scope	Example
Manufacturer name	Jiangsu Yuanwang Instrument Group Co., Ltd.
Type	UHZ-511
Nominal Length	Acc. to order
Working pressure	1MPa
Working temperature	100°C
Media density	Acc. to order
NO / DATE	
APP'L.NO.	

Periodical assessment

For retention of the Type Approval, a DNV GL Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the Type Approval are complied with. Refer to the Class Programme DNVGL-CP-0338, Sec.4.

End of certificate