



TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This Certificate consists of 2 pages.

This is to certify that the

MAGNETIC LEVEL GAUGES

With type designations

MG 33, MG 33 S

Manufactured by

HACI AYVAZ ENDÜSTRİYEL MAMULLER SANAYİ VE TİCARET A.Ş.

Is found to comply with

"TL Rules, Part A, Chapter 2, Material July 2019", "TL Rules, Part B, Chapter 4, Machinery January 2020".

Application	: For level monitoring / detection / control / alarm of liquid in ships
Design	: Max. Operating Temperature: 180 °C, Max. Operating Pressure : 16 Bar, Indicating Scale: Red-white colored flaps
Sizes	: L=300, 500, 700, 1000, 1200, 1500, 2000 mm
Address of Manufacturer	: Hadımköy Mah.Mustafa İnandi Cad.No:44 No.77 Arnavutköy/İSTANBUL
Place and date	: İSTANBUL / 01.07.2021

Subject to the conditions referred to in the following pages, this certificate is valid until 14.04.2025

Emrah SÖĞÜTÇÜ
New Building Division Manager



Product description : MAGNETIC LEVEL GAUGES

Type Designation : MG 33, MG 33 S

Materials used : Connecting Flange: Carbon Steel or Stainless Steel
Blind Flange: Carbon Steel or Stainless Steel
Float: Stainless Steel
By-pass Tube: Stainless Steel
Bolts: Stainless Steel
Discharge Bolt: Stainless Steel
Magnetic Flaps: Plastic and permanent magnet
Display Glass: Plexiglass

Application/ Limitation (Approval conditions):

- Not allowed to use in hazardous areas where there is explosion risks existing.
- The user manual (maintenance, repair, and identification information), of the magnetic level gauge should be included in its own file.

Documentation : To be referred to the approved drawing dated 27.10.2020, 08.01.2021 with: Ref: PAE-EPAS/007699/20-0981/VA, PAE-EPAS/008338/20-0981/VA

Test carried out (and results) : Following tests were carried out,

- 1,5 times of design pressure test.
- Functionality check
Found satisfactory.

Place of test carried out : For routine test AYVAZ-Hadımköy, İSTANBUL

Marking of product: The product to be marked same as below mentioned.

- Marker's name or trade mark,
- Type designation,
- Serial No.


S. Mahir TUĞCU for.
Surveyor

This certificate is subject to terms and conditions described below:

- Any significant change in design or construction may render this Certificate invalid. Type Approval Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. This certificate is not valid for products without marking above mentioned. The manufacturer should notify TÜRK LOYDU of any modifications or changes to the equipment in order to obtain valid certificate. This certificate shows that tested specimens as representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.