Certificate No.: 220809201215797

TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This is to certify that the

Valve

Manufacturer	SOY TEKNİK ENDÜSTRİYEL MALZEMELERİ SANAYİ VE TİCARET A.Ş.
Address	İMES OSB 9. Cadde No:37 Dilovası / Kocaeli
Product Type	Various type of valves
Particulars / Designation	See Appendix 1
Application	The valves may be used for the following service; steam, hot water, sea water, air and other neutral fluids
Reference Rule	TL Rules, Part E, Chapter 103 - Metallic Materials, Special Materials for Naval Ships, 22.01.2006 TL Rules, Part E, Chapter 107 - Naval Ship Technology, Ship Operation Installations and Auxiliary System, 01.01.2016 TL Rules, Part A, Chapter 2, Material, 01.01.2021 TL Rules, Part B, Chapter 4, Machinery, 01.01.2021
Place and Date	İSTANBUL / 10.08.2022

Subject to the conditions referred to in the following pages, this certificate is valid until 09.08.2027.

Emrah SÖĞÜTÇÜ

New Building Division Manager

128278

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 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.

Product Details:

See Appendix 1

Application / Limitation (Approval Conditions):

1- Valves to be used according to approved drawing.
2- The valve body, disc and seat should be suitable for the intended service.
3- All gasket and parts of valves not to be contain asbestos.
4- Overboard valves should be manufactured with indicators.
5- The Valves are to be installed according to manufacturer's instructions and Türk Loydu rules.
6- The type of valves or equipment made of material that can be ineffective with heat cannot be used in places requiring fire resistance.
7- Sounding cock valve is not used at the side shells and sea chests.

Documentation:

- PAE-EPAS/011922/21-2370/OE dated 23.02.2022
- PAE-EPAS/012114/21-2370/OE dated 14.03.2022
- PAE-EPAS/012034/21-2371/VA dated 05.03.2022
- PAE-EPAS/013473/21-2370/VA dated 09.08.2022

Performed Tests: Following tests were carried out with satisfactory results.

- Physical and chemical tests
- Dimension inspection
- Function test
- Antistatic test
- Hydrostatic pressure test carried according to Türk Loydu Rules.
- Visual inspection

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Appendix 1

	PRODUCT	SIZE	MATERIAL	PRESSURE	APPLICATION
1	U TYPE BUTTERFLY VALVE	DN50 - DN500	EN-GJS-400-18-LT / RG5 / CuSn10	PN10-PN16	*STEAM *AIR *SEA WATER *FRESH WATER *OIL *FUEL OIL
2	STRAIGHT TYPE FIRE HOSE VALVE	DN40 - DN65	RG5 / CuSn10	PN10-PN16	
3	ANGLE TYPE FIRE HOSE VALVE	DN40 - DN65	RG5 / CuSn10	PN10-PN16	
4	SELF CLOSING VALVE	DN15 -DN200	EN-GJS-400-18-LT / RG5 / CuSn10	PN10-PN16	
5	DRAIN VALVE	DN15 -DN25	EN-GJS-400-18-LT / RG5 / CuSn10	PN10-PN16	
6	SOUNDING COCK VALVE	DN15 -DN200	RG5 / CuSn10	PN2,5	
7	3P FLANGED BALL VALVE	DN15 -DN200	EN-GJS-400-18-LT / RG5 / CuSn10	PN10-PN16	
8	2P FLANGED BALL VALVE	DN15 -DN200	EN-GJS-400-18-LT / RG5 / CuSn10	PN10-PN16	
9	FLANGED SWING CHECK VALVE	DN25 -DN200	EN-GJS-400-18-LT / RG5 / CuSn10	PN10-PN16	

Surveyor Name: Caner COŞKUN

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