Certificate No.: 220411154707797

TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This is to certify that the

Valves

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 / 11.04.2022

Subject to the conditions referred to in the following pages, this certificate is valid until 31.10.2026.

Emrah SÖĞÜTÇÜ
New Building Division Manager

127808

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- Valves cannot be used with oil and hydrocarbon media term should be mentioned in limitation part because anti-static test hadn't been performed.

Plan Approval Remarks:

Documentation:

- PAE-EPAS/011585/21-2371/VA dated 18.01.2022
- PAE-EPAS/011862/21-2371/VA dated 17.02.2022
- PAE-EPAS/011884/21-2371/VA dated 18.02.2022
- PAE-EPAS/011896/21-2371/VA dated 21.02.2022
- PAE-EPAS/012197/21-2371/VA dated 25.03.2022

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	TEMPERATURE	APPLICATION
1	STRAIGHT TYPE GLOBE STOP VALVE	DN15-DN400	EN-GJS-400-18-LT/RG5/RG10/ CuSn10	PN10-PN16	-10°C /220°C	*STEAM *AIR *SEA WATER *FRESH WATER *OIL *FUEL OIL
2	STRAIGHT TYPE GLOBE CHECK VALVE	DN15-DN400	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /220°C	
3	ANGLE TYPE GLOBE STOP VALVE	DN15-DN400	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /220°C	
4	ANGLE TYPE GLOBE CHECK VALVE	DN15-DN400	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /220°C	
5	STRAIGHT TYPE QUICK CLOSING VALVE	DN15-DN200	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /220°C	
6	ANGLE TYPE QUICK CLOSING VALVE	DN15-DN200	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /220°C	
7	GATE VALVE	DN25-DN500	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /120°C	
8	STRAIGHT TYPE STORM VALVE	DN50-DN150	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN4	-10°C /220°C	
9	ANGLE TYPE STORM VALVE	DN50-DN150	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN4	-10°C /220°C	
10	WAFER TYPE BUTTERFLY VALVE	DN32-DN1000	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /110°C	
11	LUG TYPE BUTTERFLY VALVE	DN32-DN1000	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /110°C	
12	DOUBLE FLANGE BUTTERFLY VALVE	DN50-DN1000	EN-GJS-400-18-LT/RG5/RG10/Cu Sn10	PN10-PN16	-10°C /110°C	

Surveyor Name: Caner COŞKUN

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