



TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This is to certify that the

Valve

TL Project No	24-0110
Manufacturer	DİKKAN GEMİ VE ENDÜSTRİYEL VANA SAN. TİC. A.Ş.
Address	İzmir Kemalpaşa Yolu, Hayıtlıkır Mevkii No:30 Kemalpaşa/ İzmir
Product Type	Dual Plate Check Valve, Swing Check Valve, Globe Valve, Ball Valve
Reference Rule	TL Rules, Part E, Chapter 103 - Metallic Materials, Special Materials for Naval Ships, 01.01.2022 TL Rules, Part E, Chapter 107 - Naval Ship Technology, Ship Operation Installations and Auxiliary System, 01.01.2022 TL Rules, Part A, Chapter 2, Material, 01.01.2023 TL Rules, Part B, Chapter 4, Machinery, 01.07.2023
Expire Date of Previous Certificate	-
Place and Date	İSTANBUL / 15.08.2025



Subject to the conditions referred to in the following pages, this certificate is valid until 13.08.2030.

Emrah SÖĞÜTÇÜ

New Building Division Manager

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 : Valve

Type of Product : Dual Plate Check Valve, Swing Check Valve, Globe Valve, Ball Valve

Approval No / Date : PAE-EPAS/018161/24-0110/VA; 27.02.2024
 PAE-EPAS/017977/24-0110/OAK; 07.02.2024
 PAE-EPAS/017941/24-0110/VA; 02.02.2024
 PAE-EPAS/017935/24-0110/OAK; 07.02.2024
 PAE-EPAS/017928/24-0110/VA; 31.01.2024
 PAE-EPAS/017922/24-0110/OAK; 31.01.2024
 PAE-EPAS/017906/24-0110/VA; 30.01.2024
 PAE-EPAS/017895/24-0110/OAK; 29.01.2024
 PAE-EPAS/022150/24-0110/FP; 13.08.2025

Test Pressure on Body : WP x 1,5

Test Pressure on Seat : WP x 1,1

Performed Tests : -Mechanical and chemical analysis
 -Dimension control according to approved drawings
 -Function test
 -Hydrostatic pressure test

Test Place : Kemalpaşa/ İzmir

Last Inspection Date : 12.08.2025

Surveyor Remarks : - Valves to be used according to approved drawing.
 - The valve body, disc and seat should be suitable for the intended service.
 - All gasket and parts of valve not to be contain asbestos.
 - These type of valves or equipment made of material that can be ineffective with heat cannot be used in places requiring fire resistance.
 -The usage fluids of the relevant valve are to be used in the pipe classes in accordance with the "TL Chapter 4 - Machinery, Section 16- Table 16.1 and Table 16.5"
 - Valves can not be used with oil and hydro carbon media term should be mentioned in limitation part because anti-static test hadn't been performed.

	Product Description	Body Material	Seat Material	Nominal Diameter	Nominal Pressure	Others
1	Dual Plate Check Valve	CuSn10	CuSn10	DN50 DN100 DN150	PN16	Fig. No: 991.C
2	Swing Check Valve Screwed Bonnet	CuSn10-C	CuSn10-C	DN40	PN16	Fig. No: 76.C
3	Globe Valve Straight, Special Length Stop Type	CuSn10-C	CuSn10-C	DN32 DN40 DN50 DN65	PN10	Fig. No: 98.CCA.ST
4	Globe Valve Straight, Special Length SDNR Type	CuSn10-C	CuSn10-C	DN100 DN125	PN10	Fig. No: 98.CCA.SD

Surveyor Name  Onur KOCABEY

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5	Ball Valve 3 piece, Flanged, Lever operated	CuSn10-C	CuSn10-C	DN32 DN40 DN50 DN65	PN16	Fig. No: 894.C
6	Ball Valve 3 piece, Flanged, with top flange	CuSn10-C	CuSn10-C	DN32 DN50 DN65	PN16	Fig. No: 894.C.310
7	Ball Valve 3 piece, Threaded Ends, Lever Operated	CuSn10-C	CuSn10-C	DN15 DN20 DN25 DN32 DN40	PN16	Fig. No: 896.C
8	Ball Valve 3 piece, Threaded Ends with top flange	CuSn10-C	CuSn10-C	DN25 DN32	PN16	Fig. No: 896.C.310
9	Ball Valve 2 piece, Flanged with lever operated	CuSn10-C	CuSn10-C	DN80 DN100	PN16	Fig. No: 891.C
10	Swing Check Valve Screwed Bonnet, Threaded Ends	AISI 316	AISI 316	DN32 DN40	PN16	Fig. No: 76.66
11	Ball Valve 2 piece, Flanged	AISI 316	AISI 316	DN50 DN65 DN100	PN16	Fig. No: 891.66
12	Ball Valve 3 piece, Flanged	AISI 316	AISI 316	DN32 DN40 DN50 DN65 DN100	PN16	Fig. No: 894.66

Approval Conditions

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Surveyor Name : Onur KOCABEY

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