



TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This is to certify that the

Valve

TL Project No	24-1404
Manufacturer	ĐIKKAN GEMİ VE ENDÜSTRİYEL VANA SAN. TİC. A.Ş.
Address	İzmir Kemalpaşa Yolu, Hayıtlıkır Mevkii No:30 Kemalpaşa/ İzmir
Product Type	Y-Type Strainer, Quick Closing Valve, Globe Check Valve, Swing Check Valve, Mud Box, Dual Check Valve, Gate Valve, Globe Valve, Storm Valve
Reference Rule	TL Rules, Part A, Chapter 2, Material, 01.07.2019 TL Rules, Part B, Chapter 4, Machinery, 01.01.2020
Expire Date of Previous Certificate	-
Place and Date	İSTANBUL / 04.06.2024

This certificate supersedes 220411200100329 numbered certificate.

Subject to the conditions referred to in the following pages, this certificate is valid until 27.04.2027.

Emrah SÖĞÜTÇÜ
New Building Division Manager



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Approval No / Date

: PAE-EPAS/011138/20-0515/VA; 30.11.2021
PAE-EPAS/012111/20-0515/VA; 14.03.2022
PAE-EPAS/010798/20-0515/VA; 27.10.2021
PAE-EPAS/010817/20-0515/VA; 28.10.2021
PAE-EPAS/010818/20-0515/VA; 28.10.2021
PAE-EPAS/010888/20-0515/VA; 05.11.2021
PAE-EPAS/012124/20-0515/VA; 16.03.2022
PAE-EPAS/010816/20-0515/VA; 28.10.2021
PAE-EPAS/011151/20-0515/VA; 01.12.2021
PAE-EPAS/011157/20-0515/VA; 02.12.2021
PAE-EPAS/011170/20-0515/VA; 03.12.2021
PAE-EPAS/012249/20-0515/VA; 31.03.2022
PAE-EPAS/012199/20-0515/VA; 25.03.2022
PAE-EPAS/012129/20-0515/VA; 10.03.2022
PAE-EPAS/012371/20-0515/VA; 12.04.2022
PAE-EPAS/012201/20-0515/VA; 25.03.2022

Test Pressure on Body

: Design pressure x 1,5

Test Pressure on Seat

: Design pressure 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

: 11.04.2022

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.

Others

: -

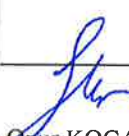
	Product Description	Body Material	Sealing Material	Nominal Diameter	Nominal Pressure
1	Y Type Strainer	EN-GJL250(GG25) GP240GH EN-GJS-400-18-LT CC491(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100	PN16

Surveyor Name : Onur KOCABEY

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				DN125 DN150	
2	Y Type Strainer	EN-GJL250(GG25) GP240GH EN-GJS-400-18-LT CC491(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN200 DN250 DN300 DN350 DN400 DN450 DN500	PN10
3	Quick Closing Valve Straight Type	EN-GJS-400-18-LT GP240GH GX5CrNiMo19-11-2 CC491K(Rg5)	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN16
4	Quick Closing Valve Straight Type	EN-GJS-400-18-LT GP240GH GX5CrNiMo19-11-2 CC491K(Rg5)	Inorganic Fiber	DN200	PN10
5	Quick Closing Valve Angle Type	CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN16
6	Quick Closing Valve Angle Type	EN-GJS-400-18-LT GP240GH	Inorganic Fiber	DN200	PN10

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		GX5CrNiMo19-11-2 CC491K(Rg5)			
7	Quick Closing Valve Straight Type with Push Button	EN-GJS-400-18-LT GP240GH	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN16
8	Quick Closing Valve Straight Type with Push Button	EN-GJS-400-18-LT GP240GH	Inorganic Fiber	DN200	PN10
9	Quick Closing Valve Angle Type with Push Button	CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN16
10	Quick Closing Valve Angle Type with Push Button	CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN200	PN10
11	Globe Check Valve Straight Type	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10)	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65	PN16

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		CC333G CuSn10-C(CC480K)		DN80 DN100 DN125 DN150 DN200	
12	Globe Check Valve Angle Type	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C(CC480K)	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200	PN16
13	Swing Check Valve Rubber Sealing	EN-GJL250(GG25) EN-GJS-400-18-LT GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Aramid Fiber	DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN16
14	Swing Check Valve Rubber Sealing	EN-GJL250(GG25) EN-GJS-400-18-LT GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Aramid Fiber	DN200 DN250 DN300	PN10
15	Swing Check Valve Sandwich Wafer Type	CC491K(Rg5) CuSn10Zn(Rg10) CC333G(CuAl10Fe5Ni5-C) CuSn10-C(CC480K) GX5CrNiMo19-11-2(1.4408) GP240GH ST52	NBR	DN40 DN50 DN65 DN80 DN100 DN125	PN16

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				DN150 DN200	
16	Swing Check Valve Sandwich Wafer Type	CC491K(Rg5) CuSn10Zn(Rg10) CC333G(CuAl10Fe5Ni5-C) CuSn10-C(CC480K) GX5CrNiMo19-11-2(1.4408) GP240GH ST52	NBR	DN250 DN300	PN10
17	Mud Box Straight New Execution Perf 8mm L700	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	NBR	DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200 DN250 DN300 DN400 DN450	PN4
18	Mud Box Straight New Execution Perf 8mm L700	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	NBR	DN500 DN600 DN700	PN2,5
19	Mud Box Angle New Execution Perf 8mm	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10)	NBR	DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125	PN4

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		CC333G CuSn10-C		DN150 DN200 DN250 DN300 DN400 DN450	
20	Mud Box Angle New Execution Perf 8mm	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	NBR	DN500 DN600	PN2,5
21	Mud Box	CuSn10-C	NBR	DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200 DN250 DN300	PN2,5
22	Dual Check Valve	CuSn10-C	NBR	DN50 DN65 DN80 DN100 DN125 DN150	PN16
23	Gate Valve with Indicator	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10)	Aramid Fiber	DN40 DN50 DN65 DN80 DN100 DN125	PN10

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		CC333G CuSn10-C(CC480K)		DN150 DN200	
24	Gate Valve with Indicator	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C(CC480K)	Aramid Fiber	DN250 DN300	PN6
25	Gate Valve with Indicator	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C(CC480K)	Aramid Fiber	DN350 DN400 DN450 DN500	PN4
26	Gate Valve with Indicator	EN-GJL250(GG25) EN-GJS-400-18-LT GX5CrNiMo19-11-2 GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C(CC480K)	Aramid Fiber	DN600 DN700	PN2,5
27	Globe Valve Straight Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125	PN16

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28	Globe Valve Straight Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic	DN150 DN200	PN10
29	Globe Valve Straight Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic	DN250 DN300	PN6
30	Globe Valve Straight Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic	DN350 DN400 DN500	PN4
31	Globe Valve Straight Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN40
32	Globe Valve Straight Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN200	PN16
33	Globe Valve Straight Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN250 DN300	PN10
34	Globe Valve Straight Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN350	PN6

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35	Globe Valve Straight Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN400 DN450 DN500 DN600	PN4
				DN15 DN20 DN25 DN32	
36	Globe Valve Straight Type	GP240GH	Inorganic Fiber	DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200	PN16
37	Globe Valve Straight Type	GP240GH	Inorganic Fiber	DN250 DN300 DN350 DN400 DN450 DN500 DN600	PN10
38	Globe Valve Angle Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200	PN16
39	Globe Valve Angle Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5)	Inorganic Fiber	DN250	PN10

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		CuSn10Zn(Rg10) CC333G CuSn10-C			
40	Globe Valve Angle Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN300 DN350	PN6
41	Globe Valve Angle Type	EN-GJL250(GG25) EN-GJS-400-18-LT CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	Inorganic Fiber	DN400 DN450 DN500 DN600	PN4
42	Globe Valve Angle Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN40
43	Globe Valve Angle Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN200	PN16
44	Globe Valve Angle Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN250 DN300	PN10
45	Globe Valve Angle Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN350	PN6
46	Globe Valve Angle Type	GX5CrNiMo19-11-2	Inorganic Fiber	DN400 DN450	PN4

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				DN500 DN600	
47	Globe Valve Angle Type	GP240GH	Inorganic Fiber	DN15 DN20 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200	PN16
48	Globe Valve Angle Type	CuSn10-C	Inorganic Fiber	DN250 DN300 DN350 DN400	PN10
49	Globe Valve Straight Type Bolted Bonnet	CuSn10-C	Aramid Fiber	DN40 DN50 DN65 DN80 DN100 DN125 DN150	PN10
50	Globe Valve Straight Type Bolted Bonnet	CuSn10-C	Aramid Fiber	DN175 DN200	PN4
51	Globe Valve Straight Type Screwed Bonnet	CuSn10-C	Copper	DN20 DN32	PN25
52	Globe Valve Angle Type Bolted Bonnet	CuSn10-C	Aramid Fiber	DN40 DN50 DN65 DN80 DN100	PN10

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				DN125 DN150	
53	Globe Valve Angle Type Bolted Bonnet	CuSn10-C	Aramid Fiber	DN175 DN200	PN4
54	Globe Valve Angle Type Screwed Bonnet	CuSn10-C	Copper	DN20 DN32	PN25
55	Storm Valve Straight Type	GP240GH CC491K(Rg5) CuSn10Zn(Rg10) CC333G CuSn10-C	NBR	DN50 DN65 DN80 DN100 DN125 DN150 DN200	PN4
56	Storm Valve Straight Type	EN-GJS-400-18-LT	NBR	DN50 DN65 DN80 DN100 DN125 DN150	PN4

Approval Conditions

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