

DEVICES TECHNICAL DATA / COMPATIBILITY CERTIFICATE

Device No.	SP-101	Shell operating press., bar	3	Shell height/length, m	5,095	Tube op. press., bar	-
Equipment type	Vessel	Shell test pressure, bar	20,8	Shell diameter, m	1,6	Tube test press., bar	-
Department	GP1-LK1	Shell operating T, °C	35	Shell material	16ГC	Tube operating T, °C	-
Unit	LK-1	Shell design pressure, bar	3	Shell heat treatment	False	Tube design press, bar	-
Section	S-200	Shell allow pressure, bar	3	Shell cladding material		Tube design T, °C	-
Cost centre No.	1G3110	Shell design T, °C	0	Shell lining		Tube media	-
Exploitation start date	1979	Shell design min T, °C	0	Shell capacity, m³	8	Tube sets qty.	-
Manufacturer serial No.	683	Shell media	Kuro dujos (AVD)	Weight empty, kg	3135	Tube lenght, m	-
Identification No.	SI-01-05198	Shell media phase		Weight hydro test, kg	11135	Tubes qty	-
				Tube set weight, kg	-	Tube diameter, mm	-
				Tube set diameter, m	-	Heat ex. area, m²	-
				Tube set capacity, m³	-	Tube material	-
Manufacturer	з-д,,Красный молот",г. Тихорецк						
Location	OL_NPG_GP-1_LK-1_K-105						

Notes:

Flange name	Notification	Flange qty,	Blinded flange qty	Dn	Pn	Flange type	Gaskets				Bolts qty.	Bolts diametr	Bolts length, mm	Bolt length for blinding, mm	Bolt material	Torque [N-m]	Notes
							Type	ID	OD	Width a							
Liukas	A	1		450	25	2*3	Camprofile	480	510		24	M20	140		SA 193 GrB7	300 [N-m]	
Flanšas	B	4	2	250	16	1*1	Camprofile	275	328		12	M24	130	160	SA 193 GrB7	550 [N-m]	
Flanšas	C	1	1	100	16	1*1	Camprofile	118	162		8	M16	100	120	SA 193 GrB7	160 [N-m]	
Flanšas	D	7	1	80	16	1*1	Camprofile	95	142		4	M16	100		SA 193 GrB7	160 [N-m]	
Flanšas	E	1	1	15	40	2*3	Camprofile	22	39		4	M12	90	100	SA 193 GrB7	60 [N-m]	
Flanšas	F	2	2	25	16	1*1	Camprofile	36	71		4	M12	90	110	SA 193 GrB7	60 [N-m]	
Flanšas	G	10		50	40	2*3	Camprofile	61	87		4	M16	100		SA 193 GrB7	160 [N-m]	