

DEVICES TECHNICAL DATA / COMPATIBILITY CERTIFICATE

Device No.	TK-317/2	Shell operating press., bar	13,5	Shell height/length, m	9,555	Tube op. press., bar	9,1
Equipment type	Heat Exchanger	Shell test pressure, bar	31,5	Shell diameter, m	2,8	Tube test press., bar	20
Department	GP2	Shell operating T, °C	180	Shell material	R52-6b	Tube operating T, °C	360
Unit		Shell design pressure, bar	13,5	Shell heat treatment	True	Tube design press, bar	
Section	S-300	Shell allow pressure, bar	19	Shell cladding material		Tube design T, °C	0
Cost centre No.	1G4106	Shell design T, °C	0	Shell lining		Tube media	fr.420 su H2S iki 1.0%
Exploitation start date	1989	Shell design min T, °C	0	Shell capacity, m³	49,05	Tube sets qty.	2
Manufacturer serial No.	53753	Shell media	stabilus benzinas su H2S iki 0.02%	Weight empty, kg	31100	Tube lenght, m	6
Identification No.	SI-01-01130	Shell media phase		Weight hydro test, kg	77700	Tubes qty	370
				Tube set weight, kg	4453	Tube diameter, mm	25x2,5
				Tube set diameter, m	0,9	Heat ex. area, m²	334,7
				Tube set capacity, m³		Tube material	10MoCr50

Manufacturer

uzuc

Location

OL_NPG_GP-2_MGPK_S-300

Notes:

2000 metais pakeisti pluoštai.
bėgių.

Planuojama perskaičiuoti pask. kam. prie 14,9bar, 360°C.

2006.11.14 patikrintas vamzdinis pluoštas EC metodu.

Įkišant vamzdelių pluoštą krenta nuo kreipiančiųjų -

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							
Flanšas	1	2	1	200	16	2*3	Camprofile	220	259		12	M20	120	140	SA 193 GrB16	330 [N-m]	
Flanšas	10	2	1	50	16	1*1	Camprofile	65	107		4	M16	100	120	SA 193 GrB16	170 [N-m]	
Flanšas	11	2	1	50	40	2*3	Camprofile	61	87		4	M16	100	120	SA 193 GrB16	170 [N-m]	
Flanšas	12	1	1	50	40	2*3	Camprofile	61	87		4	M16	100	120	SA 193 GrB16	170 [N-m]	
Flanšas	2	2	1	25	16	1*1	Camprofile	36	71		4	M12	80	90	SA 193 GrB16	65 [N-m]	
Flanšas	3	2	1	200	16	2*3	Camprofile	220	259		12	M20	120	140	SA 193 GrB16	330 [N-m]	
Flanšas	4	2	1	100	25	1*1	Camprofile	114	168		8	M20	120	150	SA 193 GrB16	170 [N-m]	
Flanšas	5	1	1	500	40	2*3	Camprofile	530	575		20	M42	240	300	SA 193 GrB16	3000 [N-m]	
Flanšas	6	2	1	50	16	1*1	Camprofile	65	107		4	M16	100	120	SA 193 GrB16	170 [N-m]	
Flanšas	7	2	1	50	16	1*1	Camprofile	65	107		4	M16	100	120	SA 193 GrB16	170 [N-m]	
Flanšas	8	2	1	300	16	2*3	Camprofile	325	363		12	M24	130	160	SA 193 GrB16	550 [N-m]	
Flanšas	9	1	1	500	40	2*3	Camprofile	530	575		20	M42	240	300	SA 193 GrB16	3000 [N-m]	

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3. Paskirtymo kamera	A	2	900	25	2*3	Camprofile	945	975							
2. Paskirtymo kamera	A	2	900	25	2*3	Camprofile	945	975	48	M24	240	SA 193 GrB16	550 [N-m]	Centrine pertvara, pertvaros plotis 8mm, Veidrodzio isorinis 988mm(Klaida???)	
1. Paskirtymo kameros dangtis	B	2	900	25	2*3	Camprofile	945	975	48	M24	180	SA 193 GrB16	550 [N-m]	Centrine pertvara, pertvaros plotis 8mm, Veidrodzio isorinis 988mm(Klaida???)	
4. Plaukiojanti galvute	C	2	800	25	2*3				8	M20	330	1.4913	330 [N-m]		
4. Plaukiojanti galvute	C	2	800	25	2*3	Camprofile	762	790	28	M20	290	1.4913	330 [N-m]		
Liukas	D	1	450	40	2*3	Camprofile	492	520	20	M30	230	SA 193 GrB16	1000 [N-m]		
Flanšas	E	1	150	40	2*3	Camprofile	169	203	8	M24	140	SA 193 GrB16	550 [N-m]		
Flanšas	F	1	250	40	2*3	Camprofile	274	312	12	M30	190	SA 193 GrB16	1000 [N-m]		
Liukas	F1, F2	2	250	40	2*3	Camprofile	274	312	12	M30	190	SA 193 GrB16	1000 [N-m]		
Flanšas	G,G1, G2,G3	4	200	25	2*3	Camprofile	220	259	12	M24	140	SA 193 GrB16	550 [N-m]		
Flanšas	N	2	50	16	1*1	Camprofile	65	107	4	M16	100	SA 193 GrB16	170 [N-m]		
Flanšas	N1, N2	1	50	25	2*3	Camprofile	61	87	4	M16	100	SA 193 GrB16	170 [N-m]		