

Item No.	Unit 1 (Total Meter)			Unit 2 (Equipment Code)			Unit 3 (Component Code)			Value Description	Manufacturer / Country of Origin	Design Condition Press (barg) Temp (°C)	Fluid Medium ()	Valve Type (See Item 2.5 of Item SH)	Nominal Valve Size (DN)	Valve Rating (LB)	Body Material ()	End Connection (See Item 2.6 of Item SH)	Valve Operation (See Item 2.7 of Item SH)	Reference P&ID	Remarks
	G	F ₁	F ₂	F ₁	F ₂	F ₃	F ₁	F ₂	F ₃												
2005	0	0	GFA	12	AA	803	NA	NA	NA	ENERGY RECOVERY DEVICE / OUTLET SAMPLE VALVE	CEPCOCHINA	2.5	30	BALL VALVE	25	PN10	UPVC	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2006	0	0	GFA	12	AA	307	NA	NA	NA	SWIRO HIGH PRESSURE PUMP / INLET PS ROOT VALVE	CEPCOCHINA	3.5	30	BALL VALVE	15	PN10	UPVC	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2007	0	0	GFA	12	AA	308	NA	NA	NA	SWIRO HIGH PRESSURE PUMP / COUPLERS ROOT VALVE 1	BRAYCHINA	3.5	30	BALL VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2008	0	0	GFA	12	AA	310	NA	NA	NA	SWIRO HIGH PRESSURE PUMP / COUPLERS ROOT VALVE 2	BRAYCHINA	3.5	30	BALL VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2009	0	0	GFA	12	AA	309	NA	NA	NA	SWIRO HIGH PRESSURE PUMP / COUPLER PI ROOT VALVE 1	BRAYCHINA	70	30	BALL VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2010	0	0	GFA	12	AA	314	NA	NA	NA	SWIRO HIGH PRESSURE PUMP / COUPLER PI ROOT VALVE 2	BRAYCHINA	70	30	BALL VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2011	0	0	GFF	10	AA	121	NA	NA	NA	ENERGY RECOVERY DEVICE / OUTLET PI ROOT VALVE	CEPCOCHINA	2.5	30	BALL VALVE	15	PN10	UPVC	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2012	0	0	GFF	10	AA	122	NA	NA	NA	SWIRO SMD C / CP INLET VALVE	MTSIPAN	70	30	PLUG VALVE	250	PN60	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2013	0	0	GFF	10	AA	123	NA	NA	NA	SWIRO SMD C / CP OUTLET VALVE	MTSIPAN	70	30	PLUG VALVE	250	PN60	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2014	0	0	GFF	10	AA	123	NA	NA	NA	SWIRO SMD C / PERMEATE WATER BACKFLOW VALVE	BRAYCHINA	2.5	30	BUTTERFLY VALVE	40	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2015	0	0	GFF	10	AA	124	NA	NA	NA	SWIRO SMD C / OUTLET CHECK VALVE	TIANJIN JINTONGCHINA	2.5	30	CHECK VALVE	200	PN10	SS316	WAFER	-	TUBEL30FF-CG04MHP0014	
2016	0	0	GFF	10	AA	125	NA	NA	NA	SWIRO SMD C / OUTLET VALVE	BRAYCHINA	2.5	30	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0014	
2017	0	0	GFF	10	AA	821	NA	NA	NA	SWIRO SMD C / PERMEATE WATER DRAIN VALVE	BRAYCHINA	2.5	30	BUTTERFLY VALVE	150	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0014	
2018	0	0	GFF	10	AA	921	NA	NA	NA	SWIRO SMD C / VENT VALVE	BRAYCHINA	70	30	BALL VALVE	40	600	DUPLEX SS	BUTT WELDED	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0014	
2019	0	0	GFF	10	AA	129	NA	NA	NA	SWIRO SMD C / OUTLET SWAMPING VALVE	CEPCOCHINA	2.0	30	BALL VALVE	25	PN10	UPVC	FLANGED	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0014	
2020	0	0	GFF	10	AA	321	NA	NA	NA	SWIRO SMD C / INLET PI ROOT VALVE 1	FIDUCHINA	70	30	NEEDLE VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2021	0	0	GFF	10	AA	322	NA	NA	NA	SWIRO SMD C / INLET PI ROOT VALVE 2	FIDUCHINA	70	30	NEEDLE VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2022	0	0	GFF	10	AA	323	NA	NA	NA	SWIRO SMD C / REJECT WATER / OUTLET PI ROOT VALVE 1	FIDUCHINA	70	30	NEEDLE VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2023	0	0	GFF	10	AA	328	NA	NA	NA	SWIRO SMD C / REJECT WATER / OUTLET PI ROOT VALVE 1	FIDUCHINA	70	30	NEEDLE VALVE	15	600	DUPLEX SS	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2024	0	0	GFF	10	AA	324	NA	NA	NA	SWIRO SMD C / OUTLET PI ROOT VALVE	FIDUCHINA	2.5	30	NEEDLE VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2025	0	0	GFF	10	AA	325	NA	NA	NA	SWIRO SMD C / OUTLET CONDUCTIVITY METER / ROOT VALVE	FIDUCHINA	2.5	30	NEEDLE VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0014	
2026	0	0	GFA	13	AA	101	NA	NA	NA	SWIRO PERMEATE TANK A / INLET VALVE	BRAYCHINA	2.5	30	BUTTERFLY VALVE	300	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0015	
2027	0	0	GFA	13	AA	102	NA	NA	NA	SWIRO PERMEATE TANK A / OUTLET VALVE	BRAYCHINA	1.0	30	BUTTERFLY VALVE	400	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0015	
2028	0	0	GFA	13	AA	103	NA	NA	NA	SWIRO PERMEATE TANK B / INLET VALVE	BRAYCHINA	2.5	30	BUTTERFLY VALVE	300	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0015	
2029	0	0	GFA	13	AA	104	NA	NA	NA	SWIRO PERMEATE TANK B / OUTLET VALVE	BRAYCHINA	1.0	30	BUTTERFLY VALVE	400	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0015	
2030	0	0	GFA	13	AA	801	NA	NA	NA	SWIRO PERMEATE TANK A / DRAIN VALVE	BRAYCHINA	1.0	30	BUTTERFLY VALVE	150	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2031	0	0	GFA	13	AA	802	NA	NA	NA	SWIRO PERMEATE TANK B / DRAIN VALVE	BRAYCHINA	1.0	30	BUTTERFLY VALVE	150	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2032	0	0	GFA	13	AA	301	NA	NA	NA	SWIRO PERMEATE TANK A / ROOT VALVE 1	TIANJIN JINTONGCHINA	1.0	30	DIAPHRAGM VALVE	25	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2033	0	0	GFA	13	AA	302	NA	NA	NA	SWIRO PERMEATE TANK A / ROOT VALVE 2	TIANJIN JINTONGCHINA	1.0	30	DIAPHRAGM VALVE	25	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2034	0	0	GFA	13	AA	311	NA	NA	NA	SWIRO PERMEATE TANK B / ROOT VALVE	TIANJIN JINTONGCHINA	1.0	30	DIAPHRAGM VALVE	25	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2035	0	0	GFA	13	AA	300	NA	NA	NA	SWIRO PERMEATE TANK B / ROOT VALVE 1	TIANJIN JINTONGCHINA	1.0	30	DIAPHRAGM VALVE	25	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2036	0	0	GFA	13	AA	306	NA	NA	NA	SWIRO PERMEATE TANK B / ROOT VALVE 2	TIANJIN JINTONGCHINA	1.0	30	DIAPHRAGM VALVE	25	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2037	0	0	GFA	13	AA	323	NA	NA	NA	SWIRO PERMEATE TANK B / OUTLET ROOT VALVE	TIANJIN JINTONGCHINA	1.0	30	DIAPHRAGM VALVE	25	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2038	0	0	GFA	13	AA	105	NA	NA	NA	SWIRO PERMEATE PUMP / INLET VALVE	BRAYCHINA	1.0	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0015	
2039	0	0	GFA	13	AA	106	NA	NA	NA	SWIRO PERMEATE PUMP / OUTLET CHECK VALVE	TIANJIN JINTONGCHINA	3.5	30	CHECK VALVE	200	PN10	SS316	WAFER	-	TUBEL30FF-CG04MHP0015	
2040	0	0	GFA	13	AA	107	NA	NA	NA	SWIRO PERMEATE PUMP / OUTLET VALVE	BRAYCHINA	3.5	30	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0015	
2041	0	0	GFA	13	AA	108	NA	NA	NA	SWIRO PERMEATE PUMP / INLET VALVE	BRAYCHINA	1.0	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0015	
2042	0	0	GFA	13	AA	109	NA	NA	NA	SWIRO PERMEATE PUMP / B / OUTLET CHECK VALVE	TIANJIN JINTONGCHINA	5.5	30	CHECK VALVE	200	PN10	SS316	WAFER	-	TUBEL30FF-CG04MHP0015	
2043	0	0	GFA	13	AA	110	NA	NA	NA	SWIRO PERMEATE PUMP / B / OUTLET VALVE	TIANJIN JINTONGCHINA	3.5	30	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2044	0	0	GFA	13	AA	308	NA	NA	NA	SWIRO PERMEATE PUMP A / OUTLET PI ROOT VALVE	BRAYCHINA	3.5	30	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2045	0	0	GFA	13	AA	310	NA	NA	NA	SWIRO PERMEATE PUMP B / OUTLET PI ROOT VALVE	BRAYCHINA	3.5	30	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	
2046	0	0	GFA	13	AA	311	NA	NA	NA	SWIRO PERMEATE PUMP C / OUTLET PI ROOT VALVE	BRAYCHINA	3.5	30	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0015	

VALUE LIST FOR BOP'S ISLAND SCOPE