

Item No.	Unit 1 (Total Item)		Unit 2 (Equipment Code)		Unit 3 (Component Code)		Value Description	Manufacturer / Country of Origin	Design Condition Press (barg)	Design Condition Temp (°C)	Fluid Medium	Valve Type (See Item 25 of Item SH)	Nominal Valve Size (DN)	Valve Rating (LB)	Body Material	End Connection (See Item 23 of Item SH)	Valve Operation (See Item 21 of Item SH)	Reference P&ID	Remarks
	G	F ₁	F ₂	F ₃	A ₁	A ₂													
4672	0	0	0	0	0	0	SLURRY PUMP D INLET VALVE	TIANJIN JINGTONGCHINA	3	30	SLURRY	DIAPHRAGM VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0009		
4673	0	0	0	0	0	0	SLURRY PUMP C INLET VALVE	BRAYCHINA	3	30	SLURRY	BALL VALVE	25	PN10	SS316	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0008		
4674	0	0	0	0	0	0	SLURRY PUMP D INLET PS ROOT VALVE	BRAYCHINA	3	30	SLURRY	BALL VALVE	25	PN10	SS316	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0009		
4675	0	0	0	0	0	0	SLURRY PUMP C OUTLET CHECK VALVE	TIANJIN JINGTONGCHINA	3	30	SLURRY	CHECK VALVE	100	PN10	SS316	WAFER	TB86A-30FF-C08-CAH-EP0008		
4676	0	0	0	0	0	0	SLURRY PUMP D OUTLET CHECK VALVE	TIANJIN JINGTONGCHINA	3	30	SLURRY	CHECK VALVE	100	PN10	SS316	WAFER	TB86A-30FF-C08-CAH-EP0008		
4677	0	0	0	0	0	0	CLARIFIER SLURRY PUMP OUTLET VALVE	CEMBROCHINA	3	30	SLURRY	DIAPHRAGM VALVE	100	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0006		
4678	0	0	0	0	0	0	CLARIFIER B SLURRY PUMP B OUTLET VALVE	CEMBROCHINA	3	30	SLURRY	DIAPHRAGM VALVE	100	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0006		
4679	0	0	0	0	0	0	CLARIFIER B SLURRY PUMP A OUTLET DRAIN VALVE	BRAYCHINA	3	30	SLURRY	BALL VALVE	50	PN10	SS316	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4680	0	0	0	0	0	0	CLARIFIER B SLURRY PUMP B OUTLET DRAIN VALVE	BRAYCHINA	3	30	SLURRY	BALL VALVE	50	PN10	SS316	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0008		
4681	0	0	0	0	0	0	SLURRY PUMP C OUTLET PS ROOT VALVE	BRAYCHINA	3	30	SLURRY	BALL VALVE	25	PN10	SS316	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0008		
4682	0	0	0	0	0	0	SLURRY PUMP D OUTLET PS ROOT VALVE	BRAYCHINA	3	30	SLURRY	BALL VALVE	25	PN10	SS316	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0006		
4683	0	0	0	0	0	0	CLARIFIER B SLURRY OUTLET FLOWING WATER VALVE	BRAYCHINA	3	30	SERVICE WATER	BALL VALVE	50	PN10	SS304	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0008		
4684	0	0	0	0	0	0	CLARIFIER B SLURRY OUTLET WASH WATER CHECK VALVE	TIANJIN JINGTONGCHINA	3	30	SERVICE WATER	CHECK VALVE	50	PN10	SS304	WAFER	TB86A-30FF-C08-CAH-EP0009		
4685	0	0	0	0	0	0	CLARIFIER B SLURRY OUTLET WASH WATER VALVE Q2	BRAYCHINA	3	30	SERVICE WATER	BALL VALVE	50	PN10	SS304	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0008		
4686	0	0	0	0	0	0	SLURRY PUMP C OUTLET SAFETY VALVE	CONSAO DIZO DRESSER CHINA	3	30	SLURRY	SAFETY VALVE	50	PN10	UPVC	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0008		
4687	0	0	0	0	0	0	SLURRY PUMP D OUTLET SAFETY VALVE	CONSAO DIZO DRESSER CHINA	3	30	SLURRY	SAFETY VALVE	50	PN10	UPVC	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0008		
4688	0	0	0	0	0	0	GRAVITY FILTER A INLET VALVE	TIANJIN JINGTONGCHINA	3	30	WASTE WATER	SLUICE GATE	200x250	PN10	SS316	AUTOMATIC BY ELECTRIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4689	0	0	0	0	0	0	GRAVITY FILTER A INLET VALVE	TIANJIN JINGTONGCHINA	3	30	WASTE WATER	SLUICE GATE	200x250	PN10	SS316	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0009		
4690	0	0	0	0	0	0	GRAVITY FILTER B INLET VALVE	TIANJIN JINGTONGCHINA	3	30	WASTE WATER	SLUICE GATE	200x250	PN10	SS316	AUTOMATIC BY ELECTRIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4691	0	0	0	0	0	0	GRAVITY FILTER B INLET VALVE	TIANJIN JINGTONGCHINA	3	30	WASTE WATER	SLUICE GATE	200x250	PN10	SS316	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0009		
4692	0	0	0	0	0	0	GRAVITY FILTER A BACKWASH DRAIN VALVE	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	400	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4693	0	0	0	0	0	0	GRAVITY FILTER B BACKWASH DRAIN VALVE	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	400	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4694	0	0	0	0	0	0	GRAVITY FILTER B SHIMM VALVE D1	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4695	0	0	0	0	0	0	GRAVITY FILTER A INLET VALVE	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4696	0	0	0	0	0	0	GRAVITY FILTER B INLET VALVE	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4697	0	0	0	0	0	0	GRAVITY FILTER A SHIMM VALVE	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4698	0	0	0	0	0	0	GRAVITY FILTER B SHIMM VALVE	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4699	0	0	0	0	0	0	GRAVITY FILTER A INLET VALVE Q2	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4700	0	0	0	0	0	0	GRAVITY FILTER B INLET VALVE Q2	BRAYCHINA	3	30	WASTE WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4701	0	0	0	0	0	0	GRAVITY FILTER A INLET VALVE	BRAYCHINA	3	30	WASTE WATER	BALL VALVE	15	PN10	SS304	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0009		
4702	0	0	0	0	0	0	GRAVITY FILTER A OUTLET TRIP ROOT VALVE	BRAYCHINA	3	30	WASTE WATER	BALL VALVE	15	PN10	SS304	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0009		
4703	0	0	0	0	0	0	GRAVITY FILTER A OUTLET TRIP ROOT VALVE	BRAYCHINA	3	30	WASTE WATER	BALL VALVE	15	PN10	SS304	MANUALLY BY HANDLE	TB86A-30FF-C08-CAH-EP0009		
4704	0	0	0	0	0	0	GRAVITY FILTER B BACKWASH INLET VALVE	BRAYCHINA	2	30	BACKWASH WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4705	0	0	0	0	0	0	GRAVITY FILTER B BACKWASH INLET VALVE	BRAYCHINA	2	30	BACKWASH WATER	BUTTERFLY VALVE	150	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4706	0	0	0	0	0	0	AR SCOUR BLOWER A OUTLET CHECK VALVE	TIANJIN JINGTONGCHINA	0.5	30	AR	CHECK VALVE	250	PN10	CARBON STEEL	WAFER	TB86A-30FF-C08-CAH-EP0009		
4707	0	0	0	0	0	0	AR SCOUR BLOWER B OUTLET CHECK VALVE	BRAYCHINA	0.5	30	AR	CHECK VALVE	250	PN10	DOUBLE END WITH POLYESTER LINED	WAFER	TB86A-30FF-C08-CAH-EP0009		
4708	0	0	0	0	0	0	AR SCOUR BLOWER C OUTLET CHECK VALVE	TIANJIN JINGTONGCHINA	0.5	30	AR	CHECK VALVE	250	PN10	DOUBLE END WITH POLYESTER LINED	WAFER	TB86A-30FF-C08-CAH-EP0009		
4709	0	0	0	0	0	0	AR SCOUR BLOWER D OUTLET CHECK VALVE	BRAYCHINA	0.5	30	AR	CHECK VALVE	250	PN10	DOUBLE END WITH POLYESTER LINED	WAFER	TB86A-30FF-C08-CAH-EP0009		
4710	0	0	0	0	0	0	AR SCOUR BLOWER A OUTLET PI ROOT VALVE	BRAYCHINA	0.5	30	AR	BALL VALVE	15	PN10	SS304	BUTT WELDED	TB86A-30FF-C08-CAH-EP0009		
4711	0	0	0	0	0	0	AR SCOUR BLOWER A OUTLET SAFETY VALVE	TIANJIN JINGTONGCHINA	0.5	30	AR	SAFETY VALVE	25	PN10	CARBON STEEL	FLANGED	TB86A-30FF-C08-CAH-EP0009		
4712	0	0	0	0	0	0	AR SCOUR BLOWER B OUTLET PI ROOT VALVE	BRAYCHINA	0.5	30	AR	BALL VALVE	15	PN10	SS304	BUTT WELDED	TB86A-30FF-C08-CAH-EP0009		
4713	0	0	0	0	0	0	AR SCOUR BLOWER C OUTLET SAFETY VALVE	TIANJIN JINGTONGCHINA	0.5	30	AR	SAFETY VALVE	25	PN10	CARBON STEEL	FLANGED	TB86A-30FF-C08-CAH-EP0009		
4714	0	0	0	0	0	0	AR SCOUR BLOWER D OUTLET SAFETY VALVE	BRAYCHINA	0.5	30	AR	BUTTERFLY VALVE	80	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4715	0	0	0	0	0	0	AR SCOUR BLOWER OUTLET MAIN PIPE PI ROOT VALVE	BRAYCHINA	0.5	30	AR	BALL VALVE	15	PN10	SS304	FLANGED	TB86A-30FF-C08-CAH-EP0009		
4716	0	0	0	0	0	0	GRAVITY FILTER A AIR INLET VALVE	BRAYCHINA	0.5	30	AR	BUTTERFLY VALVE	250	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4717	0	0	0	0	0	0	GRAVITY FILTER B AIR INLET VALVE	BRAYCHINA	0.5	30	AR	BUTTERFLY VALVE	250	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4718	0	0	0	0	0	0	GRAVITY FILTER A AIR INLET VALVE	BRAYCHINA	0.5	30	AR	BUTTERFLY VALVE	50	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4719	0	0	0	0	0	0	GRAVITY FILTER B AIR INLET VALVE	BRAYCHINA	0.5	30	AR	BUTTERFLY VALVE	50	PN10	DOUBLE END WITH POLYESTER LINED	PNEUMATIC ACTUATOR	TB86A-30FF-C08-CAH-EP0009		
4720	0	0	0	0	0	0	GRAVITY FILTER A AIR INLET VALVE	TIANJIN JINGTONGCHINA	0.5	30	AR	CHECK VALVE	250	PN10	SS304	WAFER	TB86A-30FF-C08-CAH-EP0009		
4721	0	0	0	0	0	0	GRAVITY FILTER B AIR INLET VALVE	TIANJIN JINGTONGCHINA	0.5	30	AR	CHECK VALVE	250	PN10	SS304	WAFER	TB86A-30FF-C08-CAH-EP0009		
4722	0	0	0	0	0	0	FLTR BACKWASH PUMP A OUTLET CHECK VALVE	TIANJIN JINGTONGCHINA	2	30	WASTE WATER	CHECK VALVE	250	PN10	SS304	WAFER	TB86A-30FF-C08-CAH-EP0010		
4723	0	0	0	0	0	0	FLTR BACKWASH PUMP B OUTLET CHECK VALVE	BRAYCHINA	2	30	WASTE WATER	BUTTERFLY VALVE	250	PN10	DOUBLE END WITH POLYESTER LINED	WAFER	TB86A-30FF-C08-CAH-EP0010		
4724	0	0	0	0	0	0	FLTR BACKWASH PUMP A OUTLET PI ROOT VALVE	BRAYCHINA	2	30	WASTE WATER	BALL VALVE	15	PN10	SS304	FLANGED	TB86A-30FF-C08-CAH-EP0010		
4725	0	0	0	0	0	0	FLTR BACKWASH PUMP B OUTLET CHECK VALVE	TIANJIN JINGTONGCHINA	2	30	WASTE WATER	CHECK VALVE	250	PN10	SS304	FLANGED	TB86A-30FF-C08-CAH-EP0010		
4726	0	0	0	0	0	0	FLTR BACKWASH PUMP B OUTLET VALVE	BRAYCHINA	2	30	WASTE WATER	BUTTERFLY VALVE	250	PN10	DOUBLE END WITH POLYESTER LINED	WAFER	TB86A-30FF-C08-CAH-EP0010		
4727	0	0	0	0	0	0	FLTR BACKWASH PUMP B OUTLET PI ROOT VALVE	BRAYCHINA	2	30	WASTE WATER	BALL VALVE	15	PN10	SS304	UNION	TB86A-30FF-C08-CAH-EP0010		
4728	0	0	0	0	0	0	FLTR BACKWASH PUMP C OUTLET CHECK VALVE	TIANJIN JINGTONGCHINA	2	30	WASTE WATER	CHECK VALVE	250	PN10	SS304	FLANGED	TB86A-30FF-C08-CAH-EP0010		

VALVE LIST FOR BOP'S ISLAND SCOPE