

Item No.	Unit 1 (Total Item)			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 2.7.1 of Item SH)	Reference P&ID	Remarks
	G	F ₁	F ₂	A ₁	A ₂	A ₃	B ₁	B ₂	B ₃												
475	0	0	0	GNC	70	AA	321	NA	NA	NA	NA	3	30	SLURRY	BALL VALVE	25	SS304	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0011	
476	0	0	0	GNC	70	AA	323	NA	NA	NA	NA	3	30	SLURRY	BALL VALVE	25	SS304	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0011	
477	0	0	0	GNC	70	AA	331	NA	NA	NA	NA	3	30	SLURRY	BALL VALVE	25	SS304	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0011	
478	0	0	0	GNC	70	AA	333	NA	NA	NA	NA	3	30	SLURRY	BALL VALVE	25	SS304	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0011	
479	0	0	0	GNC	70	AA	421	NA	NA	NA	NA	3	30	SLURRY	BALL VALVE	40	SS316	FLANGED	PNEUMATIC ACTUATOR	T896L3OFF-C08C4HF0011	
480	0	0	0	GNC	70	AA	422	NA	NA	NA	NA	3	30	SLURRY	BALL VALVE	40	SS316	FLANGED	PNEUMATIC ACTUATOR	T896L3OFF-C08C4HF0011	
481	0	0	0	GNC	50	AA	101	NA	NA	NA	NA	3	30	SERVICE WATER	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
482	0	0	0	GNC	50	AA	102	NA	NA	NA	NA	3	30	SERVICE WATER	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
483	0	0	0	GNC	50	AA	103	NA	NA	NA	NA	3	30	SERVICE WATER	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
484	0	0	0	GNC	50	AA	104	NA	NA	NA	NA	3	30	SERVICE WATER	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
485	0	0	0	GNC	50	AA	105	NA	NA	NA	NA	3	30	SERVICE WATER	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
486	0	0	0	GNC	50	AA	106	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
487	0	0	0	GNC	50	AA	107	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
488	0	0	0	GNC	50	AA	108	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
489	0	0	0	GNC	50	AA	109	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
490	0	0	0	GNC	50	AA	110	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
491	0	0	0	GNC	50	AA	111	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
492	0	0	0	GNC	50	AA	112	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
493	0	0	0	GNC	50	AA	113	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
494	0	0	0	GNC	50	AA	114	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
495	0	0	0	GNC	50	AA	115	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
496	0	0	0	GNC	50	AA	116	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
497	0	0	0	GNC	50	AA	117	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
498	0	0	0	GNC	50	AA	118	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
499	0	0	0	GNC	50	AA	119	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
500	0	0	0	GNC	50	AA	120	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
501	0	0	0	GNC	50	AA	204	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
502	0	0	0	GNC	50	AA	202	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
503	0	0	0	GNC	50	AA	303	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
504	0	0	0	GNC	50	AA	701	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
505	0	0	0	GNC	50	AA	111	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	CHECK VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
506	0	0	0	GNC	50	AA	112	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	CHECK VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
507	0	0	0	GNC	50	AA	304	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
508	0	0	0	GNC	50	AA	702	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
509	0	0	0	GNC	50	AA	114	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	CHECK VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
510	0	0	0	GNC	50	AA	115	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	CHECK VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
511	0	0	0	GNC	50	AA	305	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
512	0	0	0	GNC	50	AA	703	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
513	0	0	0	GNC	50	AA	116	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
514	0	0	0	GNC	50	AA	117	NA	NA	NA	NA	3	30	FLOCCULANT SOLUTION	SAFETY VALVE	25	UPVC	FLANGED	MANUALLY BY HAND/WHEEL HANDLE	T896L3OFF-C08C4HF0012	
515	0	0	0	GNC	51	AA	801	NA	NA	NA	NA	2	30	COAGULANT	BALL VALVE	50	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	
516	0	0	0	GNC	51	AA	101	NA	NA	NA	NA	2	30	COAGULANT	BALL VALVE	65	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	
517	0	0	0	GNC	51	AA	102	NA	NA	NA	NA	2	30	COAGULANT	CHECK VALVE	50	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	
518	0	0	0	GNC	51	AA	103	NA	NA	NA	NA	2	30	COAGULANT	DPH/PIRGRA VALVE	50	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	
519	0	0	0	GNC	51	AA	104	NA	NA	NA	NA	2	30	COAGULANT	BALL VALVE	50	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	
520	0	0	0	GNC	51	AA	802	NA	NA	NA	NA	2	30	COAGULANT	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	
521	0	0	0	GNC	51	AA	301	NA	NA	NA	NA	2	30	COAGULANT	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	
522	0	0	0	GNC	51	AA	302	NA	NA	NA	NA	2	30	COAGULANT	BALL VALVE	25	UPVC	FLANGED	MANUALLY BY HANDLE	T896L3OFF-C08C4HF0013	