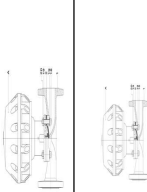









Item No.	Equipment Eg Number (KKS)										Spec No.	Equipment Name	Description of Spare Items	Manufacturer's Part Identification	Qty per two Units	Sketch	Cross Reference Drawing	Frequency of replacement	Remarks
	Level 0 (Total Plant)		Level 1 (System Code)		Level 2 (Equipment Code)		Level 3 (Component Code)		Qty	Unit									
	G	F ₁	F ₂	F ₃	F ₄	F ₅	A ₁	A ₂											
216	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	RO rupture disk	For SWRO/BMRO units		50			1 months	Item No. of CDA from SOL of CDA
217	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	RO membrane connect	Central O ring for SWRO/BMRO membrane		20	TBD		1 years	65-5-SP-27
218	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	RO sampling valve	For SWRO/BMRO units		20	TBD		5 years	65-5-SP-28
219	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Essen Escaper device	On-line for ERDs		4	TBD		5 years	65-5-SP-29
220	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Diaphragm valve O-rings	For diaphragm valves		4			2 years	65-5-SP-30
221	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Diaphragm of Diaphragm valve	For diaphragm valves		4			2 years	65-5-SP-31
222	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Ball valve sealing ring	For ball valves		4			2 years	65-5-SP-32
223	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Butterfly valve sealing ring	For ball valves		4			2 years	65-5-SP-33
224	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Methole gaskets	For vessels		60			4 years	65-5-SP-34
225	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Nozzles for gravity filters	For gravity filters		120			2 years	65-5-SP-35
226	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Nozzles for fine sand filters	Coupling seal ring for UF membrane		200	TBD		1 years	65-5-SP-36
227	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Nozzles for exchangers	For exchangers		60			1 years	65-5-SP-37
228	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Glass window	For exchangers		5	TBD		1 years	65-5-SP-38
230	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Glass window seal	For exchangers		1			2 years	65-5-SP-40
231	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	SWRO high pressure pump	YFD power module for SWRO high pressure pumps		2	TBD		1 years	65-5-SP-41
232	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Pressure indicator	For pressure gauges		4	TBD		1 years	65-5-SP-42
233	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Temperature indicator	For temperature transmitters		4	TBD		1 years	65-5-SP-43
234	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Level switch	For CIP tanks		4	TBD		1 years	65-5-SP-44
235	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Pressure switch			2	TBD		1 years	65-5-SP-45
237	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Digital input module			4	TBD		1 years	65-5-SP-47
238	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Digital output module			2	TBD		1 years	65-5-SP-48
239	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Analog input module			2	TBD		1 years	65-5-SP-49
240	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Analog output module			8	TBD		1 years	65-5-SP-51
242	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Roller			20	TBD		1 years	65-5-SP-52
243	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Circuit breaker			4	TBD		1 years	65-5-SP-53
245	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Roller switch			12	TBD		1 years	65-5-SP-55
246	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Roller switch			12	TBD		1 years	65-5-SP-56
247	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Indicator lamp			20	TBD		1 years	65-5-SP-57
248	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Roller switch			1	TBD		2 years	65-5-SP-58
249	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Share of silica analyzer			1	TBD		2 years	65-5-SP-59
250	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Terminal			100	TBD		1 years	65-5-SP-60
251	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Digital input module			2	TBD		1 years	65-5-SP-61
252	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	65-1300	Analog input module			2	TBD		1 years	65-5-SP-63