

Components	KKS Codes	Parts	Type	Strategy	Reliability Based Optimization Frequency (W-Weekly/M-Monthly/Y-Yearly)
				Vessels under pressure and pressurised systems	
ANCILLARY SYSTEM	00S				
COMPRESSED AIR SUPPLY SYSTEM	00SC				
COMPRESSED AIR GENERATION	00SCA				
CONTROL AIR COMPRESSOR 3 OIL THERMO VALVE	00SCA30AA503	Thermo Valve (Oil Temperature Controller)			
CONTROL AIR COMPRESSOR 3 DISCHARGE NON RETURN VALVE	00SCA30AA601	NRV			
CONTROL AIR COMPRESSOR 3 AIR/OIL SEPERATOR PRESSURE RELIEF VALVE	00SCA30AA603	Pressure Relief Valve		Visual Inspection/Examination,	Variable/Alarm depended
CONTROL AIR COMPRESSOR 3 COMPRESSED AIR/OIL COOLER	00SCA30AC001	Air/Oil Cooler	-	Check Oil Level	M

		Air/Oil Cooler	-	Change the Cooling Fluid	1000Hrs
		Air/Oil Cooler	-	Check Fluid/Air Cooler for Clogging	1000Hrs
	00SCA30AN001				
CONTROL AIR COMPRESSOR 3	00SCA30AN001KN01	Screw Compressor	Screw Compressor	Oil Change	6000Hrs
			Fenaflex	Bolt Coupling Change	32000Hrs
			Fenaflex	Bolt Coupling Inspection	3000Hrs
			Anti-friction	Bearing Maintenance	3000Hrs
			Anti-friction	Bearing Change	32000Hrs
			Screw Compressor	Inspection services	1500Hrs
		Compressor	Screw Compressor	Minor services .	3000Hrs
		Screw Compressor	Screw Compressor	Major services	6000Hrs
		Screw Compressor	Screw Compressor	Major services	12000Hrs
CONTROL AIR COMPRESSOR 3 MOTOR	00SCA30AN001-M01	Motor	380v Motors	Visual Inspection	M
		Motor		Bearing lubrication	2000Hrs
		Motor		Electrical Equipment Service Inspections	9000Hrs
	00SCA30AN002				
CONTROL AIR COMPRESSOR 3 COOLING FAN	00SCA30AN002KN01	Cooling Fan	Axial	Visual Inspection, Check for wear	9000Hrs
CONTROL AIR COMPRESSOR 3 COOLING FAN MOTOR	00SCA30AN002-M01	Motor	380v Motors	Visual Inspection	M

		Motor		Electrical Equipment Service Inspections	9000Hrs
CONTROL AIR COMPRESSOR 3 SUCTION FILTER	00SCA30AT001	Filter		Clean Suction Filter	Variable/AI arm depended
		Filter		Filter /change	2Y
CONTROL AIR COMPRESSOR 3 OIL FILTER	00SCA30AT005	Oil Filter		Oil Change	6000Hrs
CONTROL AIR COMPRESSOR 3 AIR/OIL SEPARATOR	00SCA30AT006	Air/Oil Cooler	-	Check Oil Level	M
		Air/Oil Cooler	-	Change the Cooling Fluid	1000Hrs
		Air/Oil Cooler	-	Check Fluid/Air Cooler for Clogging	1000Hrs
ANCILLARY SYSTEM	00S				
COMPRESSED AIR SUPPLY SYSTEM	00SC				
COMPRESSED AIR GENERATION	00SCA				
CONTROL AIR COMPRESSOR 4 OIL THERMO VALVE	00SCA40AA503	Thermo Valve (Oil Temperature Controller)			
CONTROL AIR COMPRESSOR 4 DISCHARGE NON RETURN VALVE	00SCA40AA601	NRV			
CONTROL AIR COMPRESSOR 4 AIR/OIL SEPERATOR PRESSURE RELIEF VALVE	00SCA40AA603	Pressure Relief Valve		Visual Inspection/Examination	Variable/AI arm depended
CONTROL AIR COMPRESSOR 4 COMPRESSED AIR/OIL COOLER	00SCA40AC001	Air/Oil Cooler	-	Check Oil Level	M

		Air/Oil Cooler	-	Change the Cooling Fluid	1000Hrs
		Air/Oil Cooler	-	Check Fluid/Air Cooler for Clogging	1000Hrs
	00SCA40AN001				
CONTROL AIR COMPRESSOR 4	00SCA40AN001KN01	Screw Compressor	Screw Compressor	Oil Change	6000Hrs
			Fenaflex	Bolt Coupling Change	32000Hrs
			Fenaflex	Bolt Coupling Inspection	3000Hrs
			Anti-friction	Bearing Maintenance	3000Hrs
			Anti-friction	Bearing Change	32000Hrs
			Screw Compressor	Inspection services	1500Hrs
		Screw Compressor	Screw Compressor	Minor services	3000Hrs
		Screw Compressor	Screw Compressor	Major services	6000Hrs
		Screw Compressor	Screw Compressor	Major services	12000Hrs
CONTROL AIR COMPRESSOR 4 MOTOR	00SCA40AN001-M01	Motor	380v Motors	Visual Inspection	M
		Motor		Bearing lubrication	2000Hrs
		Motor		Electrical Equipment Service Inspections	9000Hrs
	00SCA40AN002				
CONTROL AIR COMPRESSOR 4 COOLING FAN	00SCA40AN002KN01	Cooling Fan	Axial	Visual Inspection, Check for wear	9000Hrs
CONTROL AIR COMPRESSOR 4 SUCTION FILTER	00SCA40AT001	Filter		Clean Suction Filter	Variable/Al arm depended
		Filter		Filter /change	2Y
CONTROL AIR COMPRESSOR 4 OIL FILTER	00SCA40AT005	Oil Filter		Oil Change	6000Hrs

CONTROL AIR COMPRESSOR 4 AIR/OIL SEPERATOR	00SCA40AT00 6	Air/Oil Cooler	-	Check Oil Level,	M
		Air/Oil Cooler	-	Change the Cooling Fluid	1000Hrs
		Air/Oil Cooler	-	Check Fluid/Air Cooler for Clogging	1000Hrs
ANCILLARY SYSTEM	00S				
COMPRESSED AIR SUPPLY SYSTEM	00SC				
COMPRESSED AIR GENERATION	00SCA				
STATION AIR COMPRESSOR OIL THERMO VALVE	00SCA50AA50 3	Thermo Valve (Oil Temperature Controller)			
STATION AIR COMPRESSOR DISCHARGE NON RETURN VALVE	00SCA50AA60 1	NRV			
STATION AIR COMPRESSOR AIR/OIL SEPERATOR PRESSURE RELIEF VALVE	00SCA50AA60 3	Pressure Relief Valve		Visual Inspection/Examination,	Variable/AI arm dependened
STATION AIR COMPRESSOR COMPRESSED AIR/OIL COOLER	00SCA50AC00 1	Air/Oil Cooler	-	Check Oil Level,	M
		Air/Oil Cooler	-	Change the Cooling Fluid	1000Hrs
		Air/Oil Cooler	-	Check Fluid/Air Cooler for Clogging	1000Hrs
	00SCA50AN00 1				
STATION AIR COMPRESSOR	00SCA50AN00 1KN01	Screw Compressor	Screw Compressor	Oil Change	6000Hrs

			Fenaflex	Bolt Coupling Change	32000Hrs
			Fenaflex	Bolt Coupling Inspection	3000Hrs
			Anti-friction	Bearing Maintenance	3000Hrs
			Anti-friction	Bearing Change	32000Hrs
			Screw Compressor	Inspection services	1500Hrs
		Screw Compressor	Screw Compressor	Minor services	3000Hrs
		Screw Compressor	Screw Compressor	Major services	6000Hrs
		Screw Compressor	Screw Compressor	Major services	12000Hrs
		Compressor			
		Compressor			
STATION AIR COMPRESSOR MOTOR	00SCA50AN001-M01	Motor	380v Motors	Visual Inspection,	M
		Motor		Bearing lubrication	2000Hrs
		Motor		Electrical Equipment Service Inspections	9000Hrs
	00SCA50AN002				
STATION AIR COMPRESSOR COOLING FAN	00SCA50AN002KN01	Cooling Fan	Axial	Visual Inspection, Check for wear	9000Hrs
STATION AIR COMPRESSOR COOLING FAN MOTOR	00SCA50AN002-M01	Motor	380v Motors	Visual Inspection,	M
		Motor		Bearing lubrication	2000Hrs
		Motor		Electrical Equipment Service Inspections	9000Hrs
STATION AIR COMPRESSOR SUCTION FILTER	00SCA50AT001	Filter		Clean Suction Filter	Variable/Al arm depended
		Filter		Filter /change	2Y
STATION AIR COMPRESSOR OIL FILTER	00SCA50AT005	Oil Filter		Oil Change	6000Hrs

STATION AIR COMPRESSOR AIR/OIL SEPARATOR	00SCA50AT00 6	Air/Oil Cooler	-	Check Oil Level,	M
		Air/Oil Cooler	-	Change the Cooling Fluid	1000Hrs
		Air/Oil Cooler	-	Check Fluid/Air Cooler for Clogging	1000Hrs
COMPRESSOR 3	00SCA30				
CONTROL AIR DRIER 3 OUTLET DEWPOINT TRANSMITTER ISOLATING VALVE	00SCA30AA30 1	Isolation Valve	Ball Valves	Partial stroke Checking. Visual Inspection.	6M
CONTROL AIR COMPRESSOR 3 SEPERATOR DRAIN VALVE	00SCA30AA40 2	Drain Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR DRIER 3 INLET ISOLATING VALVE	00SCA30AA50 1	Isolation Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR DRIER 3 OUTLET ISOLATING VALVE	00SCA30AA50 2	Isolation Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR COMPRESSOR 3 SEPERATOR	00SCA30AT00 2	Separator		Changing the fluid separator element	Indicated by Sigma Controller
CONTROL AIR DRIER 3	00SCA30AT00 3	Drier	Dessicant	Weekly Service Inspection	M
		Drier	Dessicant	Monthly Service Inspection	M
		Drier	Dessicant	Drier Vessel Statutory	36M
		Drier	Dessicant	Yearly Service Inspection	Y
CONTROL AIR DRIER 3 WATER TRAP	00SCA30AT00 4	Water Trap	Electronic condensate drain	Test operation of valve using the test button	M
CONTROL AIR COMPRESSOR 3 SEPERATOR WATER TRAP	00SCA30AT00 7	Water Trap	Electronic condensate drain	Test operation of valve using the test button	M

CONTROL AIR COMPRESSOR 3 SEPERATOR WATER TRAP SOLENOID	00SCA30AT00 7-Y01	Water Trap Solenoid		Perform Functional Test	3M
CONTROL AIR COMPRESSOR 3 DISCHARGE PIPE	00SCA30BR00 1	Pipe	Schedule 40	Perform NDEs on pipe work	36M
		Pipe	Schedule 40	Pipe line inspection, checking for leaks on pipe fittings.	6M
CONTROL AIR COMPRESSOR 3 COMPENSATOR	00SCA30BZ00 1	Compensato r		-	-
CONTROL AIR DRIER 3 OUTLET DEWPOINT TRANSMITTER	00SCA30CQ00 1	Dewpoint Transmitter		Visual Inspection, Functional Checks	2Y
CONTROL AIR DRIER 3 OUTLET TEMPERATURE TRANSMITTER	00SCA30CT00 1	Temperature Sensor & Transmitter		Functional Checks	3M
CONTROL AIR COMPRESSOR 3- 4 INTERCONNECTIN G SYSTEM	00SCA35				
CONTROL AIR COMPRESSOR 3&4 INTERCONNECTO R VALVE	00SCA35AA50 1	Interconnecti ng Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR COMPRESSOR 3&4 INTERCONNECTO R PIPE	00SCA35BR00 1	Pipe	Schedule 40	Perform NDEs on pipe work	36M
		Pipe	Schedule 40	Pipe line inspection, checking for leaks on pipe fittings.	6M
COMPRESSOR 4	00SCA40				

CONTROL AIR DRIER 4 OUTLET DEWPOINT TRANSMITTER ISOLATING VALVE	00SCA40AA30 1	Isolation Valve	Ball Valves	Partial stroke Checking. Visual Inspection.	6M
CONTROL AIR COMPRESSOR 4 SEPERATOR DRAIN VALVE	00SCA40AA40 2	Drain Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR DRIER 4 INLET ISOLATING VALVE	00SCA40AA50 1	Isolation Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR DRIER 4 OUTLET ISOLATING VALVE	00SCA40AA50 2	Isolation Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR COMPRESSOR 4 SEPERATOR	00SCA40AT00 2	Separator		Changing the fluid separator element	Indicated by Sigma Controller
CONTROL AIR DRIER 4	00SCA40AT00 3	Drier	Dessicant	Weekly Service Inspection	M
		Drier	Dessicant	Monthly Service Inspection	M
		Drier	Dessicant	Drier Vessel Statutory	36M
		Drier	Dessicant	Yearly Service Inspection	Y
CONTROL AIR DRIER 4 WATER TRAP	00SCA40AT00 4	Water Trap	Electronic condensate drain	Test operation of valve using the test button	M
CONTROL AIR COMPRESSOR 4 SEPERATOR WATER TRAP	00SCA40AT00 7	Water Trap	Electronic condensate drain	Test operation of valve using the test button	M
CONTROL AIR COMPRESSOR 4 SEPERATOR WATER TRAP SOLENOID	00SCA40AT00 7-Y01	Water Trap Solenoid		Perform Functional Test	3M
CONTROL AIR COMPRESSOR 4 DISCHARGE PIPE	00SCA40BR00 1	Pipe	Schedule 40	Perform NDEs on pipe work	36M

		Pipe	Schedule 40	Pipe line inspection, checking for leaks on pipe fittings.	6M
CONTROL AIR COMPRESSOR 4 COMPENSATOR	00SCA40BZ001	Compensator		-	-
CONTROL AIR DRIER 4 OUTLET DEWPOINT TRANSMITTER	00SCA40CQ001	Dewpoint Transmitter		Visual Inspection, Functional Checks	2Y
CONTROL AIR DRIER 4 OUTLET TEMPERATURE TRANSMITTER	00SCA40CT001	Temperature Sensor & Transmitter		Functional Checks	3M
SERVICE AIR COMPRESSOR AND CONTROL AIR COMPRESSOR 4 INTERCONNECTOR SYSTEM	00SCA45				
CONTROL AIR COMPRESSOR 4 & STATION AIR COMPRESSOR INTERCONNECTOR VALVE	00SCA45AA501	Interconnecting Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
CONTROL AIR COMPRESSOR 4 & STATION AIR COMPRESSOR INTERCONNECTOR PIPE	00SCA45BR001	Pipe	Schedule 40	Perform NDEs on pipe work	36M
		Pipe	Schedule 40	Pipe line inspection, checking for leaks on pipe fittings.	6M
SERVICE AIR COMPRESSOR DISCHARGE SYSTEM	00SCA50				

PORTABLE COMPRESSED AIR SUPPLY PRESSURE TRANSMITTER ISOLATING VALVE	00SCA50AA30 1	Isolation Valve	Ball Valves	Partial stroke Checking. Visual Inspection.	6M
STATION AIR DRIER OUTLET DEWPOINT TRANSMITTER ISOLATING VALVE	00SCA50AA30 2	Isolation Valve	Ball Valves	Partial stroke Checking. Visual Inspection.	6M
STATION AIR COMPRESSOR SEPERATOR DRAIN VALVE	00SCA50AA40 2	Drain Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
STATION AIR DRIER INLET ISOLATING VALVE	00SCA50AA50 1	Isolation Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
PORTABLE COMPRESSED AIR SUPPLY ISOLATING VALVE	00SCA50AA50 2	Isolation Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
STATION AIR COMPRESSOR OIL THERMO VALVE	00SCA50AA50 3	Thermo Valve (Oil Temperature Controller)			
STATION AIR DRIER BYPASS ISOLATING VALVE	00SCA50AA50 4	Isolation Valve	Butterfly Valve	Exercise Valve and visual inspections	3M
PORTABLE COMPRESSED AIR SUPPLY NON RETURN VALVE	00SCA50AA60 2	NRV			
STATION AIR COMPRESSOR SEPERATOR	00SCA50AT00 2	Separator		Changing the fluid separator element	Indicated by Sigma Controller
STATION AIR DRIER	00SCA50AT00 3	Drier	Dessicant	Weekly Service Inspection	M
		Drier	Dessicant	Monthly Service Inspection	M

		Drier	Dessicant	Drier Vessel Statutory	36M
		Drier	Dessicant	Yearly Service Inspection	Y
STATION AIR DRIER WATER TRAP	00SCA50AT004	Water Trap	Electronic condensate drain	Test operation of valve using the test button	M
STATION AIR COMPRESSOR SEPERATOR WATER TRAP	00SCA50AT007	Water Trap	Electronic condensate drain	Test operation of valve using the test button	M
CONTROL AIR COMPRESSOR SEPERATOR WATER TRAP SOLENOID	00SCA50AT007-Y01	Water Trap Solenoid		Perform Functional Test	3M
STATION AIR COMPRESSOR DISCHARGE PIPE	00SCA50BR001	Pipe	Schedule 40	Perform NDEs on pipe work	36M
		Pipe	Schedule 40	Pipe line inspection, checking for leaks on pipe fittings.	6M
STATION AIR COMPRESSOR COMPENSATOR	00SCA50BZ001	Compensator		-	-
PORTABLE COMPRESSED AIR SUPPLY PRESSURE TRANSMITTER	00SCA50CP001	Pressure Transmitter		Visual Inspection, clean and check for blockages	3M
STATION AIR DRIER OUTLET DEWPOINT TRANSMITTER	00SCA50CQ001	Dewpoint Transmitter		Visual Inspection, Functional Checks	2Y
STATION AIR DRIER OUTLET TEMPERATURE TRANSMITTER	00SCA50CT001	Temperature Sensor & Transmitter		Functional Checks	3M