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ตัวอย่างแผนและการตรวจสอบ ซ่อมบำรุงเครื่องจักร/ อุปกรณ์/ระบบบำบัด/ ท่อขนส่ง  
(Internal & External) และรายงานผลการดูแลบำรุงรักษาโครงสร้างสำหรับวางท่อ (PIPE RACK)

Object Type	Object type text	Rank	PM1	PM2	PM3	PM4
INANGD	Gas Detector	A	Keep the existing plan			
INANGD	Gas Detector	B	Keep the existing plan			
INANGD	Gas Detector	C	Keep the existing plan			
INANGD	Gas Detector	S	Keep the existing plan			
INCLDC	Dcs/Plc Console	A	Keep the existing plan			
INCLDC	Dcs/Plc Console	B	Keep the existing plan			
INCLDC	Dcs/Plc Console	C	Keep the existing plan			
INCLDC	Dcs/Plc Console	S	Keep the existing plan			
INCLMS	Misc.Of Dcs/Plc	A	Keep the existing plan			
INCLMS	Misc.Of Dcs/Plc	B	Keep the existing plan			
INCLMS	Misc.Of Dcs/Plc	C	Keep the existing plan			
INCLMS	Misc.Of Dcs/Plc	S	Keep the existing plan			
INCLVB	Vibration Monitor	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INCLVB	Vibration Monitor	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INCLVB	Vibration Monitor	C	4Y-INSPECTION	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INCLVB	Vibration Monitor	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFEFH	Hand Switch	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFEFH	Hand Switch	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INFEFH	Hand Switch	C	4Y-INSPECTION	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INFEFH	Hand Switch	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFLIN	Flow Indicator	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFLIN	Flow Indicator	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INFLIN	Flow Indicator	C	4Y-INSPECTION	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INFLIN	Flow Indicator	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWFM	FlowMeter Pd,Vor,Mag	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWFM	FlowMeter Pd,Vor,Mag	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INFWFM	FlowMeter Pd,Vor,Mag	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INFWFM	FlowMeter Pd,Vor,Mag	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWIN	Integral Orifice	A				
INFWIN	Integral Orifice	B				
INFWIN	Integral Orifice	C				
INFWIN	Integral Orifice	S				
INFWMS	Mass Flow Meter	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWMS	Mass Flow Meter	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INFWMS	Mass Flow Meter	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INFWMS	Mass Flow Meter	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWOR	Orifice Assemblies	A				
INFWOR	Orifice Assemblies	B				
INFWOR	Orifice Assemblies	C				
INFWOR	Orifice Assemblies	S				
INFWRP	Rotameters & Purge	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWRP	Rotameters & Purge	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INFWRP	Rotameters & Purge	C	4Y-INSPECTION	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INFWRP	Rotameters & Purge	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWSG	Flow Sight Glass	A	2Y-FUNCTION TEST AND CALIBRATION			
INFWSG	Flow Sight Glass	B	3Y-FUNCTION TEST AND CALIBRATION			
INFWSG	Flow Sight Glass	C	8Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INFWSG	Flow Sight Glass	S	2Y-FUNCTION TEST AND CALIBRATION			
INFWTB	Turbine Meters	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWTB	Turbine Meters	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INFWTB	Turbine Meters	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INFWTB	Turbine Meters	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWTM	Flow Transmitter	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWTM	Flow Transmitter	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INFWTM	Flow Transmitter	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INFWTM	Flow Transmitter	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INFWVE	Venturi & Flow Nozzl	A				
INFWVE	Venturi & Flow Nozzl	B				
INFWVE	Venturi & Flow Nozzl	C				
INFWVE	Venturi & Flow Nozzl	S				
INIPAN	Input-Analyszer	A	Keep the existing plan			
INIPAN	Input-Analyszer	B	Keep the existing plan			
INIPAN	Input-Analyszer	C	Keep the existing plan			
INIPAN	Input-Analyszer	S	Keep the existing plan			
INIPFS	Input-Flow	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPFS	Input-Flow	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INIPFS	Input-Flow	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIPFS	Input-Flow	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPLP	Input-Limit Switch	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPLP	Input-Limit Switch	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INIPLP	Input-Limit Switch	C	4Y-INSPECTION EMERGENCY SWITCH	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIPLP	Input-Limit Switch	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPLS	Input-Level	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPLS	Input-Level	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INIPLS	Input-Level	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIPLS	Input-Level	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPOT	Input-Others	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		

Object Type	Object type text	Rank	PM1	PM2	PM3	PM4
INIPOT	Input-Others	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INIPOT	Input-Others	C	4Y-INSPECTION EMERGENCY SWITCH	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIPOT	Input-Others	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPPS	Input-Pressure	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPPS	Input-Pressure	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INIPPS	Input-Pressure	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIPPS	Input-Pressure	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPTS	Input-Temperature	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIPTS	Input-Temperature	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INIPTS	Input-Temperature	C	4Y-INSPECTION	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIPTS	Input-Temperature	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INIVAR	Automatic Recirculat	A				
INIVAR	Automatic Recirculat	B				
INIVAR	Automatic Recirculat	C				
INIVAR	Automatic Recirculat	S				
INIVCV	Control Valves	A	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVCV	Control Valves	B	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	5Y-REPLACE PNEUMATIC PARTS	10Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVCV	Control Valves	C	4Y-INSPECTION / TUBING LEAKAGE TEST	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIVCV	Control Valves	S	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVDP	Damper Valve	A	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVDP	Damper Valve	B	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	5Y-REPLACE PNEUMATIC PARTS	10Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVDP	Damper Valve	C	4Y-INSPECTION / TUBING LEAKAGE TEST	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIVDP	Damper Valve	S	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVSV	Solenoid Valve	A	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVSV	Solenoid Valve	B	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	5Y-REPLACE PNEUMATIC PARTS	10Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INIVSV	Solenoid Valve	C	4Y-INSPECTION / TUBING LEAKAGE TEST	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INIVSV	Solenoid Valve	S	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INLVLG	Level Gauge	A	2Y-FUNCTION TEST AND CALIBRATION			
INLVLG	Level Gauge	B	3Y-FUNCTION TEST AND CALIBRATION			
INLVLG	Level Gauge	C	8Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INLVLG	Level Gauge	S	2Y-FUNCTION TEST AND CALIBRATION			
INLVL	Level Switch	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INLVL	Level Switch	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INLVL	Level Switch	C	4Y-INSPECTION EMERGENCY SWITCH	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INLVL	Level Switch	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INLVTG	Tank Gauge & Trans	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INLVTG	Tank Gauge & Trans	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INLVTG	Tank Gauge & Trans	C	4Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INLVTG	Tank Gauge & Trans	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INLVTM	Level Transmitter	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INLVTM	Level Transmitter	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INLVTM	Level Transmitter	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	20Y-SHALL BE REPLACED WITH A NEW ONE		
INLVTM	Level Transmitter	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INOHBF	Burner FlameDetector	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INOHBF	Burner FlameDetector	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INOHBF	Burner FlameDetector	C	4Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INOHBF	Burner FlameDetector	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INOHCM	Custody Meter & Truc	A	Keep the existing plan			
INOHCM	Custody Meter & Truc	B	Keep the existing plan			
INOHCM	Custody Meter & Truc	C	Keep the existing plan			
INOHCM	Custody Meter & Truc	S	Keep the existing plan			
INOHFC	Flow Computers	A	Keep the existing plan			
INOHFC	Flow Computers	B	Keep the existing plan			
INOHFC	Flow Computers	C	Keep the existing plan			
INOHFC	Flow Computers	S	Keep the existing plan			
INOHSP	Speed Instrument	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INOHSP	Speed Instrument	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INOHSP	Speed Instrument	C	4Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INOHSP	Speed Instrument	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INOHVB	Vibration Instrument	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INOHVB	Vibration Instrument	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INOHVB	Vibration Instrument	C	4Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INOHVB	Vibration Instrument	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INPSDP	Differential Pressur	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INPSDP	Differential Pressur	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INPSDP	Differential Pressur	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INPSDP	Differential Pressur	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INPSPG	Press.& Draft Guages	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INPSPG	Press.& Draft Guages	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INPSPG	Press.& Draft Guages	C	8Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		
INPSPG	Press.& Draft Guages	S	2Y-FUNCTION TEST AND CALIBRATION			
INPSPS	Pressure Switches	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INPSPS	Pressure Switches	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INPSPS	Pressure Switches	C	4Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE.		

ObjectType	Object type text	Rank	PM1	PM2	PM3	PM4
INPSPS	Pressure Switches	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INPSTM	Pressure Transmitter	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INPSTM	Pressure Transmitter	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INPSTM	Pressure Transmitter	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	20Y-SHALL BE REPLACED WITH A NEW ONE		
INPSTM	Pressure Transmitter	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTECT	Temp Controller	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTECT	Temp Controller	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INTECT	Temp Controller	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	20Y-SHALL BE REPLACED WITH A NEW ONE		
INTECT	Temp Controller	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTERT	Rtd 'S	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTERT	Rtd 'S	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INTERT	Rtd 'S	C	8Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE		
INTERT	Rtd 'S	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETC	Temp. Element	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETC	Temp. Element	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INTETC	Temp. Element	C	8Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE		
INTETC	Temp. Element	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETG	Temp.GuagesIndicator	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETG	Temp.GuagesIndicator	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INTETG	Temp.GuagesIndicator	C	8Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE		
INTETG	Temp.GuagesIndicator	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETM	Temp. Trans	A	2Y-FUNCTION TEST AND CALIBRATION / DIAGNOSTICS TEST BY AMS	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETM	Temp. Trans	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INTETM	Temp. Trans	C	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	20Y-SHALL BE REPLACED WITH A NEW ONE		
INTETM	Temp. Trans	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETS	Temperture Switch	A	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETS	Temperture Switch	B	3Y-FUNCTION TEST AND CALIBRATION	15Y-SHALL BE REPLACED WITH A NEW ONE		
INTETS	Temperture Switch	C	4Y-INSPECTION	20Y-SHALL BE REPLACED WITH A NEW ONE		
INTETS	Temperture Switch	S	2Y-FUNCTION TEST AND CALIBRATION	10Y-SHALL BE REPLACED WITH A NEW ONE		
INTETW	Thermowell	A				
INTETW	Thermowell	B				
INTETW	Thermowell	C				
INTETW	Thermowell	S				
INVADI	Diaphragm Valve	A	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INVADI	Diaphragm Valve	B	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	5Y-REPLACE PNEUMATIC PARTS	10Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INVADI	Diaphragm Valve	C	4Y-INSPECTION / TUBING LEAKAGE TEST	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INVADI	Diaphragm Valve	S	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INVAOH	Other Valve	A	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INVAOH	Other Valve	B	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	5Y-REPLACE PNEUMATIC PARTS	10Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INVAOH	Other Valve	C	4Y-INSPECTION / TUBING LEAKAGE TEST	8Y-FUNCTION TEST AND CALIBRATION	20Y-SHALL BE REPLACED WITH A NEW ONE.	
INVAOH	Other Valve	S	1Y-INSPECTION / TUBING LEAKAGE TEST / DIAGNOSTICS TEST BY AMS	2Y-CALIBRATE/ FUNCTION TEST / VALVE SIGNATURE TEST	4Y-REPLACE PNEUMATIC PARTS	8Y-OVERHAUL VALVE / REPLACE POSITIONER AND ALL ACCESSORIES
INWGSC	Weight Scale Trans.	A	Keep the existing plan			
INWGSC	Weight Scale Trans.	B	Keep the existing plan			
INWGSC	Weight Scale Trans.	C	Keep the existing plan			
INWGSC	Weight Scale Trans.	S	Keep the existing plan			



## Examples of Instrument Preventive Maintenance Work in 2024

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
FTT-240B1	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	07/01/2024	INTETM
FTT-240B2	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	07/01/2024	INTETM
CTT-316	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	AMS AREA	12/01/2024	INTETM
FLT-340	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	13/01/2024	INLVTM
FLT-420	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	13/01/2024	INLVTM
FLT-510	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	13/01/2024	INLVTM
FLT-710	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	13/01/2024	INLVTM
CTT-310	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AMS AREA	15/01/2024	INTETM
UFT-130	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	17/01/2024	INFWTM
UFT-202	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	17/01/2024	INFWTM
UFT-292	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	17/01/2024	INFWTM
UFT-910	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	17/01/2024	INFWTM
UFT-9102	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	17/01/2024	INFWTM
UFT-9122	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	FLARE	17/01/2024	INFWTM
UFT-924	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	PGU AREA	17/01/2024	INFWTM
MPT-100SA	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
MPT-330T	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
MPT-410T	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
MPT-510T	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
MPT-620T	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
MPT-630T	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
MPT-640T	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
MPT-650T	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	17/01/2024	INPSTM
ATT-101A	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	23/01/2024	INTETM
ATT-101B	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	23/01/2024	INTETM
ATT-101C	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	23/01/2024	INTETM
ATT-103A	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	23/01/2024	INTETM
ATT-103B	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	23/01/2024	INTETM
ATT-103C	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	23/01/2024	INTETM
WLT-452	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4100	23/01/2024	INLVTM
XFT-910	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	FLARE	23/01/2024	INFWTM
ZLT-990	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ROBIO	23/01/2024	INLVTM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
RLT-1102	PM	A	Level Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SPHERE	24/01/2024	INLVTM
ATT-110C1-8	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C1-9	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C2-10	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C2-11	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C2-12	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C2-13	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C2-7	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C2-8	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C2-9	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C3-10	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
ATT-110C3-11	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INTETM
UFT-141	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144A2	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144A2-1	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144A4	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144B2	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144B2-1	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144B4	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144C2	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144C2-1	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-144C4	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-151	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-154A1-1	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-154A1-2	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-154A2-1	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-154A2-2	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-154A3-1	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
UFT-154A4-2	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	25/01/2024	INFWTM
AFT-144C	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1200	04/02/2024	INFWTM
AFT-144D	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1200	04/02/2024	INFWTM
FTT-320A	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	04/02/2024	INTETM
FTT-320B	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	04/02/2024	INTETM
FTT-320C	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	04/02/2024	INTETM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
FTT-320D	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	04/02/2024	INTETM
SWE-420A	PM	B	Weight Scale Trans.	1Y-CALIBRATION	ROBIO	16/02/2024	INWGSC
SWE-420B	PM	B	Weight Scale Trans.	1Y-CALIBRATION	ROBIO	16/02/2024	INWGSC
SWE-420C	PM	B	Weight Scale Trans.	1Y-CALIBRATION	ROBIO	16/02/2024	INWGSC
SWE-420D	PM	B	Weight Scale Trans.	1Y-CALIBRATION	ROBIO	16/02/2024	INWGSC
SWT-420	PM	C	Weight Scale Trans.	1Y-CALIBRATION	ROBIO	16/02/2024	INWGSC
MPT-899	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	16/02/2024	INPSTM
GFT-522C-1	PM	A	Flow Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AOG AREA	19/02/2024	INFWTM
CFT-ST15	PM	C	Flow Transmitter	8Y-TEST AND CALIBRATION (SIGNAL TYPE)	AMS AREA	19/02/2024	INFWTM
CFT-ST4	PM	C	Flow Transmitter	8Y-TEST AND CALIBRATION (SIGNAL TYPE)	AMS AREA	19/02/2024	INFWTM
FFT-340	PM	C	Flow Transmitter	8Y-TEST AND CALIBRATION (SIGNAL TYPE)	SAR AREA	19/02/2024	INFWTM
MLT-280A	PM	C	Level Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INLVTM
MLT-280B	PM	C	Level Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INLVTM
MLT-310	PM	N/A	Transmitter	4Y-CALIBRATE TRANSMITTER	MMA AREA	19/02/2024	INLVTM
MLT-310T	PM	C	Level Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INLVTM
MLT-350	PM	C	Level Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INLVTM
MLT-413	PM	C	Level Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INLVTM
MLT-620B	PM	C	Level Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INLVTM
MTT-284	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INTETM
MTT-310	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INTETM
MTT-310RM	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INTETM
MTT-317	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INTETM
MTT-330F	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INTETM
MTT-330M	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INTETM
MTT-330T	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/02/2024	INTETM
GTT-520C	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	29/02/2024	INTETM
UTT-133A	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/02/2024	INTETM
UTT-133B	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/02/2024	INTETM
UTT-133C	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/02/2024	INTETM
UTT-134A	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/02/2024	INTETM
UTT-139	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/02/2024	INTETM
UTT-161	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/02/2024	INTETM
UTT-410	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	29/02/2024	INTETM
UTT-911	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/02/2024	INTETM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
FTT-240A1-2	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	03/03/2024	INTETM
MPT-ST1-5	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	MMA AREA	13/03/2024	INPSTM
GPT-130	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	16/03/2024	INPSTM
GPT-514A	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	16/03/2024	INPSTM
ALT-310	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	19/03/2024	INLVTM
ALT-320	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INLVTM
ALT-920	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INLVTM
ALT-930	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	19/03/2024	INLVTM
ALT-940	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INLVTM
ALT-950	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INLVTM
ALT-960	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INLVTM
APT-166	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INPSTM
APT-167	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INPSTM
APT-172	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INPSTM
APT-173	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INPSTM
APT-1751	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	19/03/2024	INPSTM
ATT-104A	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	19/03/2024	INTETM
ATT-104B	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	19/03/2024	INTETM
ATT-104C	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	19/03/2024	INTETM
PLT-130	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	PGU AREA	19/03/2024	INLVTM
RLT-213	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SPHERE	19/03/2024	INLVTM
SLT-230	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ROBIO	19/03/2024	INLVTM
SLT-250	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ROBIO	19/03/2024	INLVTM
SLT-270	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ROBIO	19/03/2024	INLVTM
TPT-510	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	19/03/2024	INPSTM
UPT-614B	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AIRCOM	19/03/2024	INPSTM
UPT-615B	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AIRCOM	19/03/2024	INPSTM
UPT-616A	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AIRCOM	19/03/2024	INPSTM
UPT-616B	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AIRCOM	19/03/2024	INPSTM
UPT-620	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AIRCOM	19/03/2024	INPSTM
UPT-910	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	19/03/2024	INPSTM
UPT-950	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AIRCOM	19/03/2024	INPSTM
WPT-420A	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4100	19/03/2024	INPSTM
WPT-430	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4100	19/03/2024	INPSTM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
WPT-440	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4100	19/03/2024	INPSTM
WPT-450	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4100	19/03/2024	INPSTM
FPT-410B	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	19/03/2024	INPSTM
FPT-413	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	19/03/2024	INPSTM
MLT-010-1	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	19/03/2024	INLVTM
MLT-010-2	PM	B	Level Transmitter	3Y-FUNCTION TEST	STORAGE	19/03/2024	INLVTM
MLT-910B1	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	19/03/2024	INLVTM
MLT-920A1	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4200	19/03/2024	INLVTM
MLT-920B1	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4200	19/03/2024	INLVTM
MLT-950	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	19/03/2024	INLVTM
MLT-970	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AMS AREA	19/03/2024	INLVTM
MLT-980	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AIRCOM	19/03/2024	INLVTM
MLT-990	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AMS AREA	19/03/2024	INLVTM
MPT-011A	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	19/03/2024	INPSTM
MPT-011B	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	19/03/2024	INPSTM
MPT-N01	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	19/03/2024	INPSTM
AN-FGS	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	22/03/2024	INCLMS
DCS-AN	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	22/03/2024	INCLMS
ESD-AN	PM	N/A	DCS, ESD, FGS	6M-ESD DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	22/03/2024	INCLMS
ESD-MMA	PM	N/A	DCS, ESD, FGS	6M-ESD DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	22/03/2024	INCLMS
MMA-FGS	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	22/03/2024	INCLMS
ATT-110C3-12	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C3-13	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C3-7	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C3-8	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C3-9	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C4-10	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C4-11	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C4-12	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C4-13	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C4-7	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C4-8	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-110C4-9	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112A	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
ATT-112A-1	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112A-10	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112A-11	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112A-8	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112A-9	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112B	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112B-1	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112B-10	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
ATT-112B-11	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
GLT-540	PM	A	Level Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AOG AREA	28/03/2024	INLVTM
GLT-540A	PM	A	Level Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AOG AREA	28/03/2024	INLVTM
GLT-540B	PM	A	Level Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AOG AREA	28/03/2024	INLVTM
GLT-540C	PM	A	Level Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AOG AREA	28/03/2024	INLVTM
GPT-510	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AOG AREA	28/03/2024	INPSTM
GPT-520	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AOG AREA	28/03/2024	INPSTM
HPT-111	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ACH AREA	28/03/2024	INPSTM
HPT-114	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ACH AREA	28/03/2024	INPSTM
HPT-2102	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ACH AREA	28/03/2024	INPSTM
RPT-110	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SPHERE	28/03/2024	INPSTM
RPT-1103	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SPHERE	28/03/2024	INPSTM
SLT-310	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ROBIO	28/03/2024	INLVTM
SLT-910	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	ROBIO	28/03/2024	INLVTM
TLT-910	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SPHERE	28/03/2024	INLVLS
UFT-154A3-2	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INFWTM
UFT-154A4-1	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INFWTM
ULT-112	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	FLARE	28/03/2024	INLVTM
UPT-990	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS		28/03/2024	INPSTM
UTT-122	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	28/03/2024	INTETM
VTT-130	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	28/03/2024	INTETM
VTT-140	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	28/03/2024	INTETM
VTT-221	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	FLARE	28/03/2024	INTETM
XLT-912B	PM	S	Level Transmitter	2Y-FUNCTION TEST AND CALIBRATION	FLARE	28/03/2024	INLVTM
XLT-912C	PM	S	Level Transmitter	2Y-FUNCTION TEST AND CALIBRATION	FLARE	28/03/2024	INLVTM
XLT-912D	PM	S	Level Transmitter	2Y-FUNCTION TEST AND CALIBRATION	FLARE	28/03/2024	INLVTM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
FFT-320	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	28/03/2024	INFWTM
FTT-330	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	30/03/2024	INTETM
FTT-330A	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	30/03/2024	INTETM
FTT-330B	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	30/03/2024	INTETM
FTT-330C	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	30/03/2024	INTETM
FTT-330D	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	30/03/2024	INTETM
FTT-330E	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	30/03/2024	INTETM
MTT-520	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	30/03/2024	INTETM
MTT-610F	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	30/03/2024	INTETM
MTT-612DR	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	30/03/2024	INTETM
MTT-616	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	30/03/2024	INTETM
MTT-620M	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	30/03/2024	INTETM
MTT-622DR	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	30/03/2024	INTETM
MTT-626	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	30/03/2024	INTETM
ATT-115B-2	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-115B-3	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-115B-4	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-115C-1	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-115C-2	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-115C-3	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-115C-4	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116A-1	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116A-2	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116A-3	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116B-2	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116B-3	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116C-1	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116C-2	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-116C-3	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
ATT-117A-4	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	05/04/2024	INTETM
GTT-520I	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/04/2024	INTETM
GTT-530A	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/04/2024	INTETM
GTT-530B	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/04/2024	INTETM
GTT-530C	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/04/2024	INTETM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
FTT-110D	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	SAR AREA	08/04/2024	INTETM
WLT-442B	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WWI-4100	24/04/2024	INLVTM
MLT-330B	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/05/2024	INLVTM
MLT-333A	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/05/2024	INLVTM
MLT-410B	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/05/2024	INLVTM
MLT-420	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/05/2024	INLVTM
DCS-MMA	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	02/05/2024	INCLMS
CTT-3102	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	AMS AREA	05/05/2024	INTETM
MTT-630M	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/05/2024	INTETM
MTT-632DR	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/05/2024	INTETM
MTT-636	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/05/2024	INTETM
MTT-642DR	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/05/2024	INTETM
MTT-643	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/05/2024	INTETM
MTT-646	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/05/2024	INTETM
MTT-650T	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/05/2024	INTETM
PTT-120A	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	15/05/2024	INTETM
PTT-120B	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	15/05/2024	INTETM
RLT-1101	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	SPHERE	16/05/2024	INLVTM
MZ-004	PM	A	Weight Scale Trans.	1Y-CALIBRATION	STORAGE	21/05/2024	INWGSC
MLT-510B	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/06/2024	INLVTM
MLT-513	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/06/2024	INLVTM
MLT-610B	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/06/2024	INLVTM
MLT-616	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/06/2024	INLVTM
CPT-212	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AMS AREA	05/06/2024	INPSTM
MTT-653	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/06/2024	INTETM
MTT-659W	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/06/2024	INTETM
MTT-660	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	05/06/2024	INTETM
FTT-110A	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	SAR AREA	08/07/2024	INTETM
UZ-001A	PM	A	Weight Scale Trans.	1Y-CALIBRATION	STORAGE	26/07/2024	INWGSC
UZ-001B	PM	A	Weight Scale Trans.	1Y-CALIBRATION	STORAGE	26/07/2024	INWGSC
CPT-312B	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	AMS AREA	28/07/2024	INPSTM
CPT-316	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	AMS AREA	28/07/2024	INPSTM
CPT-317	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	AMS AREA	28/07/2024	INPSTM
CPT-320	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	AMS AREA	28/07/2024	INPSTM



Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
FPT-160U	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	28/07/2024	INPSTM
MLT-710	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/08/2024	INLVTM
MLT-720	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/08/2024	INLVTM
FPT-160V	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	12/08/2024	INPSTM
FPT-160W	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	12/08/2024	INPSTM
AFT-112A-2	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	13/08/2024	INFWTM
AFT-113A-1	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	13/08/2024	INFWTM
AFT-113A-2	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	13/08/2024	INFWTM
AFT-114A-1	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	13/08/2024	INFWTM
AFT-114A-2	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	13/08/2024	INFWTM
APT-113A-1	PM	S	Pressure Transmitter	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INPSTM
APT-113A-2	PM	S	Pressure Transmitter	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INPSTM
APT-113A-3	PM	S	Pressure Transmitter	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INPSTM
ATT-110A1-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A1-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A1-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A1-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A1-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A1-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A2-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A2-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A2-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A2-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A2-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A2-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A3-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A3-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A3-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A3-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A3-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A3-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A4-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A4-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A4-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
ATT-110A4-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A4-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-110A4-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-112A-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-112A-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-112A-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-112A-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-112A-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-112A-7	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-113A-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-113A-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-113A-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-114A-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-114A-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-114A-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-118A-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-118A-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
ATT-118A-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	13/08/2024	INTETM
UTT-162	PM	N/A	Transmitter	4Y-CALIBRATE TRANSMITTER	AN-1100	13/08/2024	INTETM
UTT-519	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	13/08/2024	INTETM
FPT-160X	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	13/08/2024	INPSTM
FPT-160Y	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	13/08/2024	INPSTM
FPT-160Z	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	13/08/2024	INPSTM
FPT-180	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	13/08/2024	INPSTM
FPT-180A	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	13/08/2024	INPSTM
FPT-180B	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	13/08/2024	INPSTM
FPT-180C	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	13/08/2024	INPSTM
MTT-711	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/08/2024	INTETM
MTT-720	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/08/2024	INTETM
MTT-721	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/08/2024	INTETM
MTT-730	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/08/2024	INTETM
MTT-740	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/08/2024	INTETM
MTT-750	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/08/2024	INTETM
MTT-760	PM	C	Temp. Trans	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	19/08/2024	INTETM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
PTIT-120A	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	27/08/2024	INTETM
PTIT-120B	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	27/08/2024	INTETM
PTIT-120C	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	27/08/2024	INTETM
PTT-220A	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	27/08/2024	INTETM
FPT-180E	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	27/08/2024	INPSTM
FPT-181	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	SAR AREA	27/08/2024	INPSTM
FPT-210A	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	27/08/2024	INPSTM
FPT-210B	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	27/08/2024	INPSTM
FPT-230	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	27/08/2024	INPSTM
FPT-249	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	SAR AREA	27/08/2024	INPSTM
FTT-110C	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	SAR AREA	27/08/2024	INTETM
PPT-340	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	PGU AREA	03/09/2024	INPSTM
MPT-636	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	03/09/2024	INPSTM
MPT-640B	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	03/09/2024	INPSTM
MPT-652	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	03/09/2024	INPSTM
MPT-660	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	03/09/2024	INPSTM
AFT-112B	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	18/09/2024	INFWTM
AFT-113B	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	18/09/2024	INFWTM
AFT-114B	PM	B	Flow Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	18/09/2024	INFWTM
ULT-150	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	18/09/2024	INLVTM
ULT-200	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	8100	18/09/2024	INLVTM
ULT-212	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WC TOWER	18/09/2024	INLVTM
MLT-730	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	18/09/2024	INLVTM
MLT-740	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	18/09/2024	INLVTM
MLT-750	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	18/09/2024	INLVTM
MLT-760	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	18/09/2024	INLVTM
AN-FGS	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	18/09/2024	INCLMS
DCS-AN	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	18/09/2024	INCLMS
ESD-AN	PM	N/A	DCS, ESD, FGS	6M-ESD DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	18/09/2024	INCLMS
ESD-MMA	PM	N/A	DCS, ESD, FGS	6M-ESD DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	18/09/2024	INCLMS
MMA-FGS	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	18/09/2024	INCLMS
MLT-871	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	01/10/2024	INLVTM
AFT-112B-1	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	07/10/2024	INFWTM
AFT-112B-2	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	07/10/2024	INFWTM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
APT-113B-1	PM	S	Pressure Transmitter	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INPSTM
APT-113B-2	PM	S	Pressure Transmitter	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INPSTM
APT-113B-3	PM	S	Pressure Transmitter	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INPSTM
ATT-110B1-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INTETM
ATT-110B1-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INTETM
ATT-110B1-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INTETM
ATT-110B1-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INTETM
ATT-110B1-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	07/10/2024	INTETM
PPT-120A	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	07/10/2024	INPSTM
PPT-120B	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	07/10/2024	INPSTM
PPT-120C	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	07/10/2024	INPSTM
PPT-121	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	PGU AREA	07/10/2024	INPSTM
UPT-102	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AIRCOM	07/10/2024	INPSTM
UPT-920	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	11/10/2024	INPSTM
UPT-931	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1200	11/10/2024	INPSTM
UPT-932	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	11/10/2024	INPSTM
UPT-982	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	11/10/2024	INPSTM
UPT-983	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	11/10/2024	INPSTM
MLT-626	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	11/10/2024	INLVTM
MLT-630B	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	11/10/2024	INLVTM
MLT-640B	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	11/10/2024	INLVTM
MLT-646	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	11/10/2024	INLVTM
GPT-521B	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	19/10/2024	INPSTM
GPT-591	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AOG AREA	19/10/2024	INPSTM
UPT-112	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	FLARE	19/10/2024	INPSTM
UPT-114	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	FLARE	19/10/2024	INPSTM
UPT-120	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	19/10/2024	INPSTM
UPT-130	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	19/10/2024	INPSTM
UPT-119A	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	20/10/2024	INPSTM
UPT-119A-1	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	20/10/2024	INPSTM
UPT-119B	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	20/10/2024	INPSTM
UPT-119B-1	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	20/10/2024	INPSTM
UPT-991	PM	S	Pressure Transmitter	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	20/10/2024	INPSTM
UPT-139	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	22/10/2024	INPSTM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
UPT-140	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	22/10/2024	INPSTM
UPT-150	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	22/10/2024	INPSTM
UPT-160	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	AN-1100	22/10/2024	INPSTM
UPT-210	PM	B	Pressure Transmitter	3Y-FUNCTION TEST AND CALIBRATION	WC TOWER	22/10/2024	INPSTM
FTT-110B	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	SAR AREA	22/10/2024	INTETM
MLT-266	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	22/10/2024	INLVTM
MLT-270A	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	22/10/2024	INLVTM
MLT-290	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	22/10/2024	INLVTM
AFT-113B-1	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	29/10/2024	INFWTM
AFT-113B-2	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	29/10/2024	INFWTM
AFT-114B-1	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	29/10/2024	INFWTM
AFT-114B-2	PM	S	Flow Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	29/10/2024	INFWTM
ATT-110B1-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B2-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B2-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B2-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B2-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B2-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B2-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B3-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B3-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B3-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B3-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B3-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B3-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B4-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B4-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B4-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B4-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B4-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-110B4-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-112B-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-112B-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-112B-4	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM

Equipment	Order Type	Ranking	Object TYPE	Description	Area	Plan date	ObjectType
ATT-112B-5	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-112B-6	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-112B-7	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-113B-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-113B-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-113B-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-114B-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-114B-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-114B-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-118B-1	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-118B-2	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
ATT-118B-3	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AN-1100	29/10/2024	INTETM
DCS-MMA	PM	N/A	DCS, ESD, FGS	6M-DCS DIAGNOSTIC & SYSTEM CHECK	MAIN-MCC	29/10/2024	INCLMS
MLT-960	PM	B	Level Transmitter	3Y-FUNCTION TEST AND CALIBRATION	STORAGE	31/10/2024	INLVTM
APIT-119A-3	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	05/11/2024	INPSTM
APIT-119A-5	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	05/11/2024	INPSTM
APIT-119B-3	PM	A	Pressure Transmitter	2Y-TEST & CALIBRATION,DIAGNOSTIC BY AMS	AN-1100	05/11/2024	INPSTM
GTT-510D	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/11/2024	INTETM
GTT-510E	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/11/2024	INTETM
GTT-510F	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/11/2024	INTETM
GTT-520D	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/11/2024	INTETM
GTT-520E	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/11/2024	INTETM
GTT-520F	PM	S	Temp. Trans	2Y-FUNCTION TEST AND CALIBRATION	AOG AREA	05/11/2024	INTETM
UTT-119A	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	05/11/2024	INTETM
UTT-119A-2	PM	A	Temp. Trans	2Y-TEST & CALIBRATION, DIAGNOSTIC BY AMS	AN-1100	05/11/2024	INTETM
MPT-670	PM	C	Pressure Transmitter	4Y-INSPECTION / DIAGNOSTICS TEST BY AMS	MMA AREA	11/11/2024	INPSTM
MTT-117	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	03/12/2024	INTETM
MTT-118	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	03/12/2024	INTETM
MTT-120	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	03/12/2024	INTETM
MTT-137	PM	B	Temp. Trans	3Y-FUNCTION TEST AND CALIBRATION	MMA AREA	03/12/2024	INTETM

### Routine Schedule Plan for PM of CEMs , Gas Detector 2024

Sampling Handling System			Frequency					Remark
Item	Description	Period	1M	3M	4M	6M	1Y	
1	Replace filter probe	1Y					X	
2	Clean Heated sample line	1Y					X	
3	Clean Glass heat exchangers of gas cooler	1Y					X	
4	Replace Peristaltic pump hose of auto drain	3M		X				
5	Replace contact springs of auto drain	1Y					X	
6	Replace diaphragm kit for Sample pump	6M				X		
7	Replace CF Filter	3M		X				
8	Replace Perma pure dryer	1Y					X	
9	Replace NO2/NO converter & Teflon tube	1Y					X	
10	Replace DFU filter	1M	X					

Gas Analyzer			Frequency					Remark
Item	Description	Period	1M	3M	4M	6M	1Y	
1	Validation with standard	1M	X					
2	Calibrate with standard	1M	X					

Opacity/Dust Analyzer			Frequency					Remark
Item	Description	Period	1M	3M	4M	6M	1Y	
1	Clean all lens	1M	X					
2	Clean filter of blower	1M	X					
3	Adjust beam alignment	1M	X					
4	Window check	1M	X					
5	Replace new filter of blower	6M				X		

Gas Detector			Frequency					Remark
Item	Description	Period	1M	3M	4M	6M	1Y	
1	Clean filter pump	6M				X		
2	Monitor card micro pump gas	6M				X		

Item No.	Job Description	Progress	2024																																																				Remark
			Q1												Q2										Q3										Q4																				
			Jan				Feb				Mar				Apr				May				Jun				Jul				Aug				Sep				Oct				Nov				Dec								
W01	W02	W03	W04	W05	W06	W07	W08	W09	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	W31	W32	W33	W34	W35	W36	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47	W48	W49	W50	W51	W52				
1.0	Phase 1 (Risk Reassessment)	50%																																																					
1.1	RBI risk review	50%																																																					
2.0	Phase 2 (Inspection Plan)	100%																																																					
2.1	Create worklist	100%																																																					
2.2	Yearly Contract performing	100%																																																					Done in 2023
3.0	Phase 3 (Execution)	42%																																																					
3.1	- Thickness monitoring (Equipment)	50%																																																					
3.2	- Thickness monitoring (Pipe-ISBL)	50%																																																					
3.3	- Thickness monitoring (Pipe-OSBL)	0%																																																					
3.5	- IRT AOG&WWI Furnace	50%																																																					
3.6	- Leak Sealing Monitoring	50%																																																					
3.7	- External visual inspection	50%																																																					
4.0	Phase 4 (Mitigation Plan)	50%																																																					
4.1	Issue in RCT	50%																																																					
5.0	Phase 5 (Reassessment)	50%																																																					
5.1	IDB updating	50%																																																					
Overall		58.33%																																																					

**As updated**



# Electrical Equipment Master Plan

Date: 2024

Electrical Equipment Master Plan							
Item	Description	Group	PM-Description		TA-Description		
1	6.9KV EMERGENCY DIESEL GENERATOR	ELEMGE	1W-INSPECTION EMERGENCY DIESEL GENERATOR		2Y-INSPECTION EMERGENCY DIESEL GENERATOR	4Y-INSPECTION EMERGENCY DIESEL GENERATOR	8Y-INSPECTION EMERGENCY DIESEL GENERATOR
2	110 V.DC CHARGER	ELUPBC	1M-INSPECTION 110 V.DC CHARGER	1Y-INSPECTION BATTERY FOR DC CHRAGER		4Y-INSPECTION 110 V.DC CHARGER	8Y-INSPECTION 110 V.DC CHARGER
3	400/220V UPS SYSTEM	ELUPUB	1M-INSPECTION UPS SYSTEM	1Y-INSPECTION BATTERY FOR UPS SYSTEM		4Y-INSPECTION UPS SYSTEM	8Y-INSPECTION UPS SYSTEM
4	BATTERY FOR ENGINE	FASVFF	1M-INSPECTION BATTERY FOR ENGINE	1Y-ANNUAL INSPECTION			
5	SEPTIC BLOWER	ELMTMB	2M-INSPECTION SEPTIC BLOWER				
6	ANNUAL ELECTRICAL SYSTEM INSPECTION	ELSWBD	1Y-ANNUAL ELECTRICAL SYSTEM INSPECTION				
7	AVIATION LIGHTING SYSTEM	ELELTP1	1Y-INSPECTION AVIATION LIGHTING SYSTEM				
8	CATHODIC PROTECTION	FASVCT	1Y-INSPECTION CATHODIC PROTECTION				
9	DUST COLL. HV TRANSFORMER	ELSWSD	3M-INSPECTION DUST COLL. HV TRANSFORMER		2Y-INSPECTION DUST COLL. HV TRANSFORMER		
10	DUST COLL. CONTROL PANEL	ELSWSD	1Y- INSPECTION SUB DISTRIBUTION PANEL		2Y-INSPECTION DUST COLL. CONTROL PANEL		
11	DUST COLL. ELECTRIC HAETER	ELSWSD	2Y-INSPECTION DUST COLL. ELECTRIC HAETER		2Y-INSPECTION DUST COLL. ELECTRIC HAETER		
12	EMERGENCY & EXIT LIGHT	ELELTP	3M-INSPECTION EMERGENCY & EXIT LIGHT				
13	FIRE ALARM SYSTEM	ELEAFA	3M-INSPECTION FIRE ALARM SYSTEM	1Y-INSPECTION FIRE ALARM SYSTEM			
14	FM200 SYSTEM	ELEAFM	3M-INSPECTION FM200 SYSTEM	1Y-ANNUAL INSPECTION FM200			
15	HVAC. AIR CHILLER	ELPSAC	6M-INSPECTION HVAC. AIR CHILLER				
16	HVAC. AIR COND. ANALYZER	ELPSAC	6M-INSPECTION HVAC. AIR COND. ANALYZER				
17	HVAC. AIR COOLED UNIT	ELPSAC	6M-INSPECTION HVAC. AIR COOLED UNIT				
18	HVAC. CONDENSING UNIT	ELPSAC	6M-INSPECTION HVAC. CONDENSING UNIT				
19	HVAC. FAN COIL UNIT	ELPSAC	6M-INSPECTION HVAC. FAN COIL UNIT				
20	HVAC. AIR HANDLING UNIT	ELPSAC	6M-INSPECTION HVAC. AIR HANDLING UNIT				
21	HVAC. CHILLED WATER PUMP	ELPSAC	6M-INSPECTION HVAC. CHILLED WATER PUMP				
22	HVAC. LV MOTOR	ELMTMB	6M-INSPECTION LV MOTOR				
23	HVAC. PLC PANEL	ELPSAC	6M-INSPECTION HVAC. PLC PANEL				
24	LV MOTOR	ELMTMB	1Y-INSPECTION LV MOTOR		2Y-INSPECTION LV MOTOR /SINGLE & CRITICAL MOTOR ONLY		
25	MV MOTOR	ELMTMA	1Y-INSPECTION MV MOTOR		2Y-INSPECTION LV MOTOR /SINGLE & CRITICAL MOTOR ONLY		
26	INTERCOM SYSTEM	FAPSHD	1Y-INSPECTION INTERCOM SYSTEM				
27	LIGHTNING & GROUNDING	ELELTP	1Y-INSPECTION LIGHTNING & GROUNDING				
28	LIGHTING & RECEPTACLE	ELELTP	1Y-INSPECTION LIGHTING & RECEPTACLE				
29	WELDING RECEPTACLE	ELELTP	1Y-INSPECTION WELDING RECEPTACLE				
30	115KV TRANSFORMER	ELTRTA	3M-INSPECTION 115KV TRANSFORMER			4Y-INSPECTION 115KV TRANSFORMER	
31	115KV GIS SWITCHGEAR	ELSWEH				4Y-INSPECTION 115KV GIS SWITCHGEAR	
32	6.9KV TRANSFORMER	ELTRTC	3M-INSPECTION 6.9KV TRANSFORMER			4Y-INSPECTION 6.9KV TRANSFORMER	
33	6.6KV SWITCHGEAR	ELSWMV	1Y-INSPECTION (THERMO SCAN)			4Y-INSPECTION 6.6KV SWITCHGEAR	
34	6.9KV CAPACITOR BANK	ELOHCA	1Y-INSPECTION CAPACITOR BANK			4Y-INSPECTION 6.9KV CAPACITOR BANK	
35	6.6KV DISCONNECTING SWITCH	ELSWMV				4Y-INSPECTION 6.6KV DISCONNECTING SWITC	
36	6.9KV NEUTRAL GROUND RESIST	ELEGNG				4Y-INSPECTION 6.9KV NEUTRAL GROUND RESIS	
37	TR. OIL SAMPLING TEST	ELTRTC/ELTRTA	1Y-TR. OIL SAMPLING TEST				
38	400V LVSW	ELSWLV	1Y-INSPECTION 400V CIRCUIT BREAKER			4Y-INSPECTION 400V LVSW	
39	400V MCC	ELSWMC	1Y-INSPECTION MOTOR CONTROL CENTER		8Y-INSPECTION MOTOR CONTROL CENTER		8Y-INSPECTION 400V MCC
40	400V MDP	ELSWMD				4Y-INSPECTION 400V MDP	
41	400V CAPACITOR BANK	ELOHCA	6M-INSPECTION CAPACITOR BANK			4Y-INSPECTION 400V CAPACITOR BANK	
42	400V CIRCUIT BREAKER	ELSWLV	1Y-INSPECTION 400V CIRCUIT BREAKER			4Y-INSPECTION 400V CIRCUIT BREAKER	
43	SUB DISTRIBUTION PANEL	ELSWSD	1Y- INSPECTION SUB DISTRIBUTION PANEL			4Y-INSPECTION SUB DISTRIBUTION PANEL	
44	LOCAL CONTROL PANEL	ELEPCP	1Y- INSPECTION SUB DISTRIBUTION PANEL			4Y-INSPECTION LOCAL CONTROL PANEL	
45	FEEDER MODULE	ELSWMV				4Y-INSPECTION FEEDER MODULE	
46	INTERPOSING RELAY CABINET	ELEPCP				4Y-INSPECTION INTERPOSING RELAY CABINET	
47	PROTECTIVE RELAY	ELSWMV				4Y-TEST PROTECTIVE RELAY	
48	LV&MV BUS DUCT	ELSWBD					8Y-INSPECTION BUS DUCT
49	MNSis SYSTEM	ELSWMC	1Y-INSPECTION MOTOR CONTROL CENTER		8Y-INSPECTION MOTOR CONTROL CENTER		8Y-INSPECTION MNSis SYSTEM
50	ENMCS MONITOR SCREEN	ELEPCP					
51	ENMCS OPC PANEL	ELEPCP				4Y-INSPECTION ENMCS OPC PANEL	
52	ENMCS PANEL	ELEPCP				4Y-INSPECTION ENMCS PANEL	
53	SCADA SYSTEM	ELEPCP					8Y-INSPECTION ENMCS SYSTEM
54	VSD SYSTEM	ELSWMC			2Y-INSPECTION VSD	4Y-INSPECTION VSD	8Y-INSPECTION VSD
55	FIRE WATER PUMP	ELMTMA	3M-INSPECTION FIRE CONTROL PANEL	1Y-ANNUAL INSPECTION FIRE WATER PUMP			

Monitoring system (External)		
1	Main transformer monitoring	Twice a day
2	MNSis system monitoring	Weekly
3	UPS/DC charger monitoring	Weekly
4	Substation monitoring temp	Daily
5	Thermography scan	Yearly
6	Motor greasing	Depend on operating hour

**LV&MV MOTOR OVERHAUL BASE ON;**

- 1.Motor vibration analysis.
- 2.Some abnormal found during motor pm.
- 3.Time base condition
- 4.OEM Recommend.

ตัวอย่างการบำรุงรักษา CEMS ตามแผน PM

Location	Order	Equipment	Room	Order Type	User Status	Planner Group	Basic Start	Basic finish
CEMs plant SAR	8200102555	FAT-480A	SAR AREA	PM	WC	IE2	20.01.2024	20.01.2024
	8200103397	FAT-480A	SAR AREA	PM	WC	IE2	19.02.2024	19.02.2024
	8200104016	FAT-480A	SAR AREA	PM	WC	IE2	20.03.2024	20.03.2024
	8200104759	FAT-480A	SAR AREA	PM	WC	IE2	18.04.2024	18.04.2024
	8200105644	FAT-480A	SAR AREA	PM	WC	IE2	18.05.2024	18.05.2024
	8200105884	FAT-480A	SAR AREA	PM	AEST	IE2	17.06.2024	17.06.2024
	8200102556	FAT-480B	SAR AREA	PM	WC	IE2	20.01.2024	20.01.2024
	8200103398	FAT-480B	SAR AREA	PM	WC	IE2	19.02.2024	19.02.2024
	8200104017	FAT-480B	SAR AREA	PM	WC	IE2	20.03.2024	20.03.2024
	8200104760	FAT-480B	SAR AREA	PM	BLMT	IE2	18.04.2024	18.04.2024
	8200105645	FAT-480B	SAR AREA	PM	WC	IE2	18.05.2024	18.05.2024
	8200105885	FAT-480B	SAR AREA	PM	AEST	IE2	17.06.2024	17.06.2024
	8200102557	FAT-480C	SAR AREA	PM	WC	IE2	20.01.2024	20.01.2024
	8200103399	FAT-480C	SAR AREA	PM	WC	IE2	19.02.2024	19.02.2024
	8200104018	FAT-480C	SAR AREA	PM	WC	IE2	20.03.2024	20.03.2024
	8200104761	FAT-480C	SAR AREA	PM	WC	IE2	18.04.2024	18.04.2024
CEMs plant WWI	8200105646	FAT-480C	SAR AREA	PM	WC	IE2	18.05.2024	18.05.2024
	8200105886	FAT-480C	SAR AREA	PM	AEST	IE2	17.06.2024	17.06.2024
	8200102564	WAT-9131	WWI AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103406	WAT-9131	WWI AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104027	WAT-9131	WWI AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104770	WAT-9131	WWI AREA	PM	WC	IE1	18.04.2024	18.04.2024
	8200105647	WAT-9131	WWI AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105893	WAT-9131	WWI AREA	PM	AEST	IE1	17.06.2024	17.06.2024

Location	Order	Equipment	Room	Order Type	User Status	Planner Group	Basic Start	Basic finish
	8200102565	WAT-9132	WWI AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103407	WAT-9132	WWI AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104028	WAT-9132	WWI AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104771	WAT-9132	WWI AREA	PM	WC	IE1	18.04.2024	18.04.2024
	8200105648	WAT-9132	WWI AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105894	WAT-9132	WWI AREA	PM	AEST	IE1	17.06.2024	17.06.2024
	8200102562	WCOT-913	WWI AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103404	WCOT-913	WWI AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104029	WCOT-913	WWI AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104772	WCOT-913	WWI AREA	PM	BLMT	IE1	18.04.2024	18.04.2024
	8200105649	WCOT-913	WWI AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105895	WCOT-913	WWI AREA	PM	AEST	IE1	17.06.2024	17.06.2024
	8200102563	WO2T-913	WWI AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103405	WO2T-913	WWI AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104030	WO2T-913	WWI AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104773	WO2T-913	WWI AREA	PM	WC	IE1	18.04.2024	18.04.2024
	8200105650	WO2T-913	WWI AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105896	WO2T-913	WWI AREA	PM	AEST	IE1	17.06.2024	17.06.2024
	8200102575	WTSPT-913	WWI AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103413	WTSPT-913	WWI AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104031	WTSPT-913	WWI AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104786	WTSPT-913	WWI AREA	PM	WC	IE1	18.04.2024	18.04.2024
	8200105651	WTSPT-913	WWI AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105897	WTSPT-913	WWI AREA	PM	AEST	IE1	17.06.2024	17.06.2024
CEMs plant AOG	8200102558	GAT-9131	AOG AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103400	GAT-9131	AOG AREA	PM	WC	IE1	19.02.2024	19.02.2024

Location	Order	Equipment	Room	Order Type	User Status	Planner Group	Basic Start	Basic finish
	8200104001	GAT-9131	AOG AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104745	GAT-9131	AOG AREA	PM	WC	IE1	18.04.2024	18.04.2024
	8200105633	GAT-9131	AOG AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105851	GAT-9131	AOG AREA	PM	AEST	IE1	17.06.2024	17.06.2024
	8200102560	GAT-9132	AOG AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103402	GAT-9132	AOG AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104002	GAT-9132	AOG AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104746	GAT-9132	AOG AREA	PM	WC	IE1	18.04.2024	18.04.2024
	8200105634	GAT-9132	AOG AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105852	GAT-9132	AOG AREA	PM	AEST	IE1	17.06.2024	17.06.2024
	8200102561	GCOT-913	AOG AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103403	GCOT-913	AOG AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104003	GCOT-913	AOG AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104747	GCOT-913	AOG AREA	PM	BLMT	IE1	18.04.2024	18.04.2024
	8200105635	GCOT-913	AOG AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105853	GCOT-913	AOG AREA	PM	AEST	IE1	17.06.2024	17.06.2024
	8200102559	GO2T-913	AOG AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103401	GO2T-913	AOG AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104005	GO2T-913	AOG AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104749	GO2T-913	AOG AREA	PM	WC	IE1	18.04.2024	18.04.2024
	8200105637	GO2T-913	AOG AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105856	GO2T-913	AOG AREA	PM	AEST	IE1	17.06.2024	17.06.2024
	8200102574	GTSPT-913	AOG AREA	PM	WC	IE1	20.01.2024	20.01.2024
	8200103412	GTSPT-913	AOG AREA	PM	WC	IE1	19.02.2024	19.02.2024
	8200104006	GTSPT-913	AOG AREA	PM	WC	IE1	20.03.2024	20.03.2024
	8200104750	GTSPT-913	AOG AREA	PM	WC	IE1	18.04.2024	18.04.2024

Location	Order	Equipment	Room	Order Type	User Status	Planner Group	Basic Start	Basic finish
	8200105638	GTSPT-913	AOG AREA	PM	WC	IE1	18.05.2024	18.05.2024
	8200105857	GTSPT-913	AOG AREA	PM	AEST	IE1	17.06.2024	17.06.2024

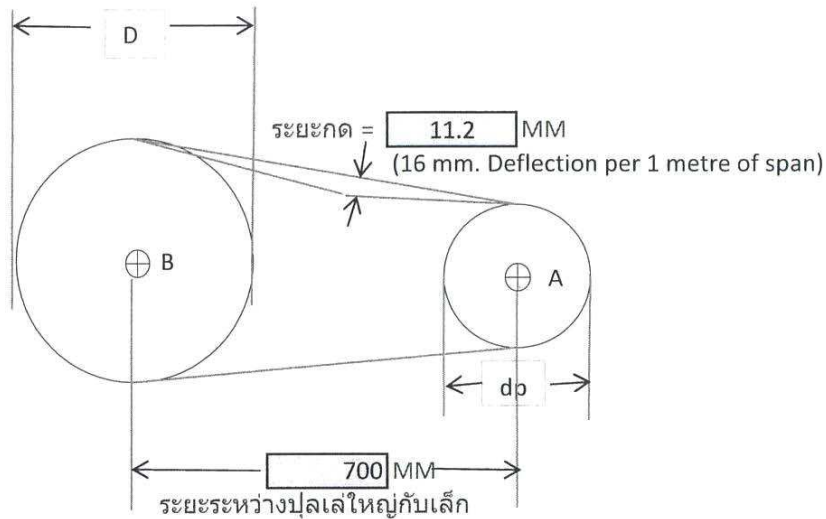
แผน PM ระบบบำบัดน้ำเสีย RO-BIO

Order	Equipment	Room	User Status	Planner Group	Basic Start	Basic finish
8200102546	SAT-112	WWI-4100	WC	IE1	18.01.2024	18.01.2024
8200103908	SAT-112	WWI-4100	WC	IE1	18.03.2024	18.03.2024
8200105639	SAT-112	WWI-4100	WC	IE1	17.05.2024	17.05.2024
8200103450	SAT-9122	ROBIO	WC	IE1	26.02.2024	26.02.2024
8200105079	SAT-9122	ROBIO	WC	IE1	26.04.2024	26.04.2024
8200105968	SAT-9122	ROBIO	AEST	IE1	24.06.2024	24.06.2024
8200102548	SAT-9123	ROBIO	WC	IE1	18.01.2024	18.01.2024
8200103910	SAT-9123	ROBIO	WC	IE1	18.03.2024	18.03.2024
8200105641	SAT-9123	ROBIO	WC	IE1	17.05.2024	17.05.2024
8200102547	SAT-9121	ROBIO	WC	IE1	18.01.2024	18.01.2024
8200103909	SAT-9121	ROBIO	WC	IE1	18.03.2024	18.03.2024
8200105640	SAT-9121	ROBIO	WC	IE1	17.05.2024	17.05.2024
8200102572	SAT-9011	ROBIO	WC	IE1	20.01.2024	20.01.2024
8200104007	SAT-9011	ROBIO	WC	IE1	23.03.2024	23.03.2024
8200105720	SAT-9011	ROBIO	WC	IE1	04.06.2024	04.06.2024
8200102566	SAT-9012	ROBIO	WC	IE1	20.01.2024	20.01.2024
8200104008	SAT-9012	ROBIO	WC	IE1	23.03.2024	23.03.2024
8200105721	SAT-9012	ROBIO	WC	IE1	04.06.2024	04.06.2024
8200102567	SAT-9021	ROBIO	WC	IE1	20.01.2024	20.01.2024
8200104009	SAT-9021	ROBIO	WC	IE1	23.03.2024	23.03.2024
8200105722	SAT-9021	ROBIO	WC	IE1	04.06.2024	04.06.2024
8200102570	SAT-9022	ROBIO	WC	IE1	20.01.2024	20.01.2024
8200104010	SAT-9022	ROBIO	WC	IE1	23.03.2024	23.03.2024
8200105723	SAT-9022	ROBIO	WC	IE1	04.06.2024	04.06.2024
8200102549	ZAT-9322	FLARE	WC	IE1	18.01.2024	18.01.2024
8200103946	ZAT-9322	FLARE	WC	IE1	18.03.2024	18.03.2024
8200105652	ZAT-9322	FLARE	WC	IE1	17.05.2024	17.05.2024



## V-Belt Tension & Alignment Reported

	belt 1
	belt 2
	belt 3



Equipment No. : SC-339 **A**  
 Equipment Description : Aeration Blower  
 Belt Type : 5V  
 No. of belt : 3 Nos.  
 Small Pulley Dia. : 235 mm  
 Large Pulley Dia. : 255 mm  
 Span : 390 mm  
 Fan Speed : R.P.M

Belt No.	Check Point	Before		After	
		Deflection	Applied load	Deflection	Applied load
1	Center of belt	6 kg	6 Kgs		6 Kgs
2	Center of belt	6 kg	6 Kgs		6 Kgs
3	Center of belt	6 kg	6 Kgs		6 Kgs

Remart : Used Belt 6.0 Kgs New Belt 8.8 Kgs.

Reported By :

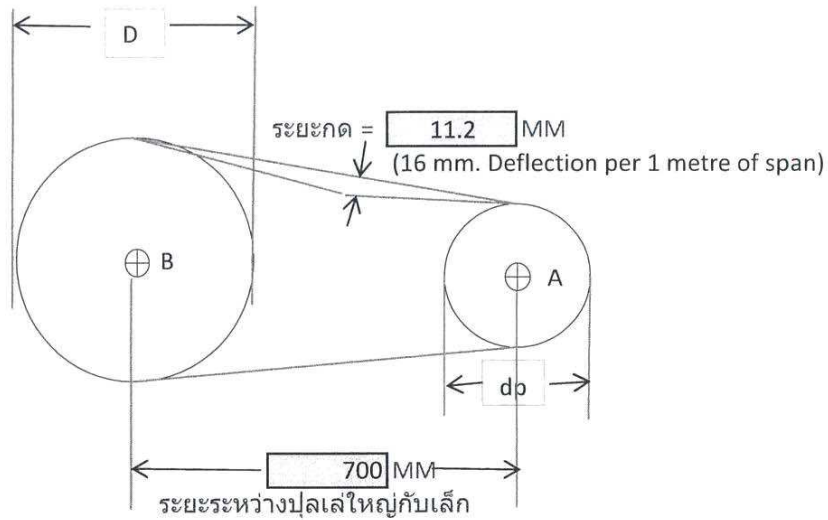
Date :





## V-Belt Tension & Alignment Reported

		belt 1
		belt 2
		belt 3



Equipment No. : SC-339 B  
 Equipment Description : Aeration Blower  
 Belt Type : 5V  
 No. of belt : 3 Nos.  
 Small Pulley Dia. : 235 mm  
 Large Pulley Dia. : 255 mm  
 Span : 390 mm  
 Fan Speed : R.P.M

Belt No.	Check Point	Before		After	
		Deflection	Applied load	Deflection	Applied load
1	Center of belt	6 kg	6 Kgs		6 Kgs
2	Center of belt	6 kg	6 Kgs		6 Kgs
3	Center of belt	6 kg	6 Kgs		6 Kgs

Remart : Used Belt 6.0 Kgs New Belt 8.8 Kgs.

Reported By :

Date :







# 1M-Visual Inspection Checklist for Pump/Agitator/Blower

1. IDENTIFICATION					
Tag No:	52-379 d		Area:	AN	
MO No:					
<input type="checkbox"/> Overhang Centrifugal pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump			
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator			
<input type="checkbox"/> Diaphragm Pump	<input checked="" type="checkbox"/> Blower				
3. CONDITIONS					
	Yes	No	N/A	Location / Comment	
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Constant level oiler for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Gland packing (for leakage)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Greasing of bearing; if bearings are grease lubricated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. LEAKS					
	Yes	No	N/A	Location / Comment	
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any leaks from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5. PIPE SUPPORT					
	Yes	No	N/A	Location / Comment	
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6. VIBRATION					
	Yes	No	N/A	Location / Comment	
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. INSULATION					
	Yes	No	N/A	Location / Comment	
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8. CORROSION					
	Severe	Mild	NO	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine					
Reported By: [REDACTED] Reviewed By: [REDACTED]					
Form No. FM-MT-0001 Revision Date: 31-Mar-20 Revision No.0					



# 1M-Visual Inspection Checklist for Pump/Agitator/Blower

1. IDENTIFICATION					
Tag No:	SC-379A	Area:	RO-910	Date:	15/3/29
MO No:					
<input type="checkbox"/> Overhang Centrifugal pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump			
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator			
<input type="checkbox"/> Diaphragm Pump	<input checked="" type="checkbox"/> Blower				
3. CONDITIONS					
	Yes	No	N/A	Location / Comment	
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Constant level oiler for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Gland packing (for leakage)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Greasing of bearing; if bearings are grease lubricated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. LEAKS					
	Yes	No	N/A	Location / Comment	
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any leaks from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5. PIPE SUPPORT					
	Yes	No	N/A	Location / Comment	
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6. VIBRATION					
	Yes	No	N/A	Location / Comment	
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. INSULATION					
	Yes	No	N/A	Location / Comment	
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8. CORROSION					
	Severe	Mild	NO	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine					
Reported By: [Redacted] Reviewed By: [Redacted]					





# 1M-Visual Inspection Checklist for Pump/Agitator/Blower

## 1. IDENTIFICATION

Tag No: SC-339 C Area: AN Date: 28-03-24

MO No:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Overhang Centrifugal pump | <input type="checkbox"/> Between Bearing Centrifugal Pump | <input type="checkbox"/> Vertical Centrifugal Pump |
| <input type="checkbox"/> Canned pump               | <input type="checkbox"/> Metering Pump                    | <input type="checkbox"/> Agitator                  |
| <input type="checkbox"/> Diaphragm Pump            | <input checked="" type="checkbox"/> Blower                |  |

## 3. CONDITIONS

	Yes	No	N/A	Location / Comment
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Constant level oiler for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gland packing (for leakage)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Greasing of bearing: if bearings are grease lubricated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

## 4. LEAKS

	Yes	No	N/A	Location / Comment
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are all valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

## 5. PIPE SUPPORT

	Yes	No	N/A	Location / Comment
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

## 6. VIBRATION

	Yes	No	N/A	Location / Comment
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

## 7. INSULATION

	Yes	No	N/A	Location / Comment
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any retaining bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

## 8. CORROSION

	Severe	Mild	No	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Remark: N/A if there is not for that rotating machine

Reported By:

Reviewed By:

Form No. FM-MT-0001

Revision Date: 31-Mar-20



Revision No.0



# 1M-Visual Inspection Checklist for Pump/Agitator/Blower

1. IDENTIFICATION					
Tag No:	SC 339 B	Area:	PO-B10	Date:	15-5-24
MO No:					
<input type="checkbox"/> Overhang Centrifugal pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump			
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator			
<input type="checkbox"/> Diaphragm Pump	<input checked="" type="checkbox"/> Blower				
3. CONDITIONS					
	Yes	No	N/A	Location / Comment	
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Constant level oiler for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Gland packing (for leakage)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	53/63/60/68	
Greasing of bearing; if bearings are grease lubricated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. LEAKS					
	Yes	No	N/A	Location / Comment	
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Leaks from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5. PIPE SUPPORT					
	Yes	No	N/A	Location / Comment	
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6. VIBRATION					
	Yes	No	N/A	Location / Comment	
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. INSULATION					
	Yes	No	N/A	Location / Comment	
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8. CORROSION					
	Severe	Mild	No	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine					
Reported By: [REDACTED] Reviewed By: [REDACTED]					



1. IDENTIFICATION					
Tag No: <b>5C-339 B</b>	Area: <b>AN</b>	Date: <b>28-03-24</b>			
MO No: <b>8200104462</b>					
<input type="checkbox"/> Overhang Centrifugal pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump			
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator			
<input type="checkbox"/> Diaphragm Pump	<input checked="" type="checkbox"/> Blower				
3. CONDITIONS	Yes	No	N/A	Location / Comment	
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Constant level oiler for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Gland packing (for leakage)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Greasing of bearing; if bearings are grease lubricated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. LEAKS	Yes	No	N/A	Location / Comment	
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5. PIPE SUPPORT	Yes	No	N/A	Location / Comment	
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6. VIBRATION	Yes	No	N/A	Location / Comment	
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. INSULATION	Yes	No	N/A	Location / Comment	
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any ing jackets, plugs, or insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8. CORROSION	Severe	Mild	NO	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine					
Reported By: 		Reviewed By: 			
Form No. FM-MT-0003		Revision Date: 31-Mar-20		Revision No.0	



# 1M-Visual Inspection Checklist for Pump/Agitator/Blower

1. IDENTIFICATION					
Tag No:	SC-359 A	Area:	AN	Date:	28-03-24
MO No:	8200104461				
<input type="checkbox"/> Overhang Centrifugal pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump			
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator			
<input type="checkbox"/> Diaphragm Pump	<input checked="" type="checkbox"/> Blower				
3. CONDITIONS					
	Yes	No	N/A	Location / Comment	
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Constant level oiler for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Gland packing (for leakage)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Greasing of bearing; if bearings are grease lubricated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. LEAKS					
	Yes	No	N/A	Location / Comment	
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are air valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5. PIPE SUPPORT					
	Yes	No	N/A	Location / Comment	
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6. VIBRATION					
	Yes	No	N/A	Location / Comment	
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. INSULATION					
	Yes	No	N/A	Location / Comment	
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8. CORROSION					
	Severe	Mild	NO	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine					
Reported By: [Redacted] Reviewed By: [Redacted]					
Form No. FM-MT-0001		Revision Date: 31-Mar-20		Revision No.0	





# 1M-Visual Inspection Checklist for Pump/Agitator/Blower

1. IDENTIFICATION					
Tag No:	9C-999A		Area:	AN	
MO No:	8200103717		Date:	22/2/24	
<input type="checkbox"/> Overhang Centrifugal pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump			
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator			
<input type="checkbox"/> Diaphragm Pump	<input checked="" type="checkbox"/> Blower				
3. CONDITIONS					
	Yes	No	N/A	Location / Comment	
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Oil ring for proper working?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Constant level oiler for proper working?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Gland packing (for leakage)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Greasing of bearing; if bearings are grease lubricated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4. LEAKS					
	Yes	No	N/A	Location / Comment	
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any leaks from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5. PIPE SUPPORT					
	Yes	No	N/A	Location / Comment	
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6. VIBRATION					
	Yes	No	N/A	Location / Comment	
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. INSULATION					
	Yes	No	N/A	Location / Comment	
Any physical damage or penetration?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
8. CORROSION					
	Severe	Mild	No	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine					
Reported By: [REDACTED] Reviewed By: [REDACTED]					



# 1M-Visual Inspection Checklist for Pump/Agitator/Blower

1. IDENTIFICATION					
Tag No:	SC-3992	Area:	AN	Date:	23/4/24
MO No:	6200105430				
<input type="checkbox"/> Overhang Centrifugal pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump			
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator			
<input type="checkbox"/> Diaphragm Pump	<input type="checkbox"/> Blower				
PM					
3. CONDITIONS	Yes	No	N/A	Location / Comment	
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Constant level oiler for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Gland packing (for leakage)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Performance of all measuring instruments (pressure/ temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Greasing of bearing; if bearings are grease lubricated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. LEAKS	Yes	No	N/A	Location / Comment	
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any leaks from steam tracing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5. PIPE SUPPORT	Yes	No	N/A	Location / Comment	
Any shoes off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6. VIBRATION	Yes	No	N/A	Location / Comment	
Any significant vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. INSULATION	Yes	No	N/A	Location / Comment	
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8. CORROSION	Severe	Mild	NO	N/A	Location / Comment
Any corrosion at support points or fixtures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any coating or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine					
Reported By:			Reviewed By:		
Form No. FM-MT-0001	Revision Date: 31-Mar-20		Revision No.0		





PTT Asahi Chemical Co., Ltd.

TEST AND CALIBRATION REPORT  
FOR  
TN ANALYZER

Mo. No.: \_\_\_\_\_

Page No.: \_\_\_\_\_

## Analyzer details

Tag Name	SAT-112
Measurement	TN
Input Range	0 ~ 1000 mg/L
Output Range	4 ~ 20 mA
Manufacturer	Yanaco
Model	TN-509
Serial Number	0985004
Error Allowable	-

## Standard No.1 (Half)

Std. Gas name	TN	ppm
Cylinder No.		
Certification No.		
Certificate date		
Expiration date		

## Test Instrument

Test Inst. Name	1000 ppm
Description	-
Calibrate Date	20/02/2024
Expire Date	20/08/2024

## Standard No.2 (Span)

Std. Gas name	TN	1000 ppm
Cylinder No.	-	
Certification No.	-	
Certificate date	20/02/2024	
Expiration date	20/08/2024	

## As Found and Calibration

Standard Solution Applied			As Found			As Calibrated		
Std. Gas	Certify ppm	Output mA	Analy ppm	Output mA	Error (+/-5% of RD)	Analy ppm	Output mA	Error (+/-5% of RD)
Zero	0	4	9.116	4.08	0.51	0.00	4.00	0.00
Half	-	-	-	-	-	-	-	-
Span	1000	20	956	19.29	-4.4	1000	20.00	0.00
N-Zero	Zero Voltage (mV)		1.26		V	1.56		V
N-Half	1/2 Span Voltage (mV)		-		%	-		%
N-Span	Span Voltage (mV)		1.65		V	1.94		V

## Note:

- pm check

- Test standard and calibrate.

Reported by: \_\_\_\_\_

Date: 06/05/2024



PTT Asahi Chemical Co., Ltd.

TEST AND CALIBRATION REPORT  
FOR  
TN ANALYZER

Mo. No.: \_\_\_\_\_

Page No.: \_\_\_\_\_

## Analyzer details

Tag Name	SAT-9121
Measurement	TN
Input Range	0 ~ 500 mg/L
Output Range	4 ~ 20 mA
Manufacturer	Yanaco
Model	TN-508
Serial Number	670208
Error Allowable	-

## Standard No.1 (Half)

Std. Gas name	TN	ppm
Cylinder No.		
Certification No.		
Certificate date		
Expiration date		

## Test Instrument

Test Inst. Name	500 ppm
Description	-
Calibrate Date	20/02/2024
Expire Date	20/08/2024

## Standard No.2 (Span)

Std. Gas name	TN	500 ppm
Cylinder No.	-	
Certification No.	-	
Certificate date	20/02/2024	
Expiration date	20/08/2024	

## As Found and Calibration

Standard Solution Applied			As Found			As Calibrated		
Std. Gas	Certify ppm	Output mA	Analy ppm	Output mA	Error (+/-1% of RD)	Analy ppm	Output mA	Error (+/-1% of RD)
Zero	0	4	3.421	4.12	0.78	0.00	4.00	0.00
Half	-	-	-	-	-	-	-	-
Span	500	20	4.68	18.97	-6.40	500	20.00	0.00
N-Zero	Zero Voltage (mV)		1.27		V	1.49		V
N-Half	1/2 Span Voltage (mV)		-		%	-		%
N-Span	Span Voltage (mV)		1.50		V	1.88		V

## Note:

- PM Check.
- Test standard and calibrate.

Reported by: \_\_\_\_\_

Date: 21/03/2024





PTT Asahi Chemical Co.,Ltd.

TEST AND CALIBRATION REPORT  
FOR  
COD ANALYZER

Mo. No.: \_\_\_\_\_

Page No.: \_\_\_\_\_

Analyzer details

Tag Name	SAT-9122
Measurement	COD
Input Range	0-200 mg/L
Output Range	4-20 mA
Manufacturer	IDA-DKK
Model	XAT-DKK
Serial Number	670205
Error Allowable	-

Standard No.1 (Span1)

Std. Gas name	COD	100 ppm
Cylinder No.	-	
Certification No.	-	
Certificate date	20/02/2024	
Expiration date	20/08/2024	

Test Instrument

Test Inst. Name	100 PPM
Description	-
Calibrate Date	20/02/2024
Expire Date	20/08/2024

Standard No.2 (Span2)

Std. Gas name	COD	ppm
Cylinder No.		
Certification No.		
Certificate date		
Expiration date		

As Found and Calibration

Standard Solution Applied			As Found			As Calibrated		
Std. Gas	Certify ppm	Output mA	Analy ppm	Output mA	Error (+/-5% of RD)	Analy ppm	Output mA	Error (+/-5% of RD)
Zero (Blank)	0	4	3.17	4.25	3.17	0	4.00	0.00
Span1	100	12	95.34	11.74	3.16	100	12.00	0.00
Span2								

Note:

- Clean line sample.
- Test standard and calibrate.

Reported by:



Date: 23/04/2024



PTT Asahi Chemical Co., Ltd.

TEST AND CALIBRATION REPORT  
FOR  
TCN ANALYZER

Mo. No.: \_\_\_\_\_

Page No.: \_\_\_\_\_

## Analyzer details

Tag Name	SAT-9123
Measurement	TCN
Input Range	0 ~ 2 mg/L
Output Range	4 ~ 20 mA
Manufacturer	Yanaco
Model	TCN-500
Serial Number	098406
Error Allowable	-

## Standard No.1 (Zero)

Std. Gas name	TCN	0.100 ppm
Cylinder No.	-	
Certification No.	-	
Certificate date	20/02/2024	
Expiration date	20/06/2024	

## Test Instrument

Test Inst. Name	1.000
Description	-
Calibrate Date	20/02/2024
Expires Date	20/06/2024

## Standard No.2 (Span)

Std. Gas name	TCN	1.000 ppm
Cylinder No.	-	
Certification No.	-	
Certificate date	20/02/2024	
Expiration date	20/06/2024	

## As Found and Calibration

Standard Solution Applied			As Found			As Calibrated		
Std. Gas	Certify ppm	Output mA	Analy ppm	Output mA	Error (+/- % of RD)	Analy ppm	Output mA	Error (+/- % of RD)
Zero	0.100	4	0.128	4.20	2.3	0.100	4.00	0.00
Span	1.000	20	1.043	20.69	4.3	1.000	20.00	0.00
Zero/E	Zero Voltage (mV)		66.12		mV	80.26		mV
Span/E	Span Voltage (mV)		99.7		mV	166.3		mV

## Note:

- PM check

- Test standard and calibrate

Reported by: \_\_\_\_\_

Date: 25/03/2024



PTT Asahi Chemical Co., Ltd.

TEST AND CALIBRATION REPORT  
FOR  
COD ANALYZER

Mo. No.: \_\_\_\_\_

Page No.: \_\_\_\_\_

Analyzer details

Tag Name	SAT-9021
Measurement	COD
Input Range	0 ~ 2000 mg/L
Output Range	Δ ~ 20 mA
Manufacturer	TOA-DKK
Model	XAT-200
Serial Number	670203
Error Allowable	-

Test Instrument

Test Inst. Name	-
Description	-
Calibrate Date	20/02/2024
Expire Date	20/08/2024

Standard No.1 (Span1)

Std. Gas name	COD	500 ppm
Cylinder No.	-	
Certification No.	-	
Certificate date	20/02/2024	
Expiration date	20/08/2024	

Standard No.2 (Span2)

Std. Gas name	COD	ppm
Cylinder No.		
Certification No.		
Certificate date		
Expiration date		

As Found and Calibration

Standard Solution Applied			As Found			As Calibrated		
Std. Gas	Certify ppm	Output mA	Analy ppm	Output mA	Error (+/- 5% of RD)	Analy ppm	Output mA	Error (+/- 5% of RD)
Zero (Blank)	0	4	3931	4.03	0.78	0.00	4.00	0.00
Span1	500	8	487	7.89	-2.60	500	8.00	0.00
Span2								

Note:

- PM Check.
- Test standard and calibrate.

Reported by: \_\_\_\_\_

Date: 26/03/2024



PTT Asahi Chemical Co., Ltd.

TEST AND CALIBRATION REPORT  
FOR  
PH / ORP ANALYZER

Mo. No. \_\_\_\_\_

Page No. \_\_\_\_\_

Analyzer Details	
Tag Name	ZPH3-932
Type	pH
Range	0 ~ 14 pH
Manufacturer	Rosinmount
Transmitter Model	Xmt-P-115-11-69
Serial Number	-
Sensor Model	-
Serial Number	-
Error Allowable	-

Standard Solution details			
Sol.	Cer.No.	Cer.date	Exp.Date
4	H170042	-	09/2024
7	H170076	-	09/2023

As Found and Calibration

Parameter	Std. pH/ORP Solution		As Found		As Calibrated	
	Std. Conc.	Unit	Ant. Reading	Error (+/- % of R)	Ant. Reading	Error (+/- % of R)
ZPH3-932	4	pH	3.86	-3.50	4.00	0.00
	7	pH	6.92	-1.14	7.00	0.00

Note :

- Clean probe sensor.
- Test standard and calibrate.

Reported by: \_\_\_\_\_

Date: 15/03/2024



# GAS DETECTOR CALIBRATION RECORD



Report No. : SVR2405-163  
 Customer Name : PTT Asahi Chemical Co., Ltd  
 Plant : Area gas detector  
 Calibration By : Panuwat Yodsang

Standard Equipment  
 Standard Span Gas : HCN bal. N2  
 Standard Span Gas :  
 Standard Span Gas :

Replacement sensor : N/A  
 Note : Refer to Manufacturing's standard calibration procedure stated in the manual, gas reading must be adjusted to the applied standard gas concentration for the final state of calibration procedure.

Lot No. : 302-403033288  
 Lot No. :  
 Lot No. :

Packing List No. : 1130157556  
 Packing List No. :  
 Packing List No. :

Expired Date :  
 Expired Date :  
 Expired Date :

November 14, 2025  
 Approved by  
 Akkapon N

Review by  
 Akkapon N  
 Sign

Item	Tag No	Model	Area	Detected Gas	Measuring Range	Standard Gas	Zero			Span			Alarm Test		Sample pump	Cal. Date	Remark
							Setpoint	Asfound	After	Setpoint	Asfound	After	Alarm Test (Y/N)	Test (Y/N)			
61	HHCN-009	Polytron 8100	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.2	10.0	5	10	✓	10-May-24	
62	HHCN-010	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.8	10.0	5	10	✓	10-May-24	
63	HHCN-016	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.6	10.0	5	10	✓	10-May-24	
64	HHCN-017	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.8	10.0	5	10	✓	10-May-24	
65	HHCN-020	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.6	10.0	5	10	✓	10-May-24	
66	HHCN-021	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.2	10.0	5	10	✓	10-May-24	
67	HHCN-024	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.6	10.0	5	10	✓	10-May-24	
68	HHCN-025	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.2	10.0	5	10	✓	10-May-24	
69	HHCN-026	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.3	10.0	5	10	✓	10-May-24	
70	HHCN-027	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.8	10.0	5	10	✓	10-May-24	
71	HHCN-028	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.3	10.0	5	10	✓	10-May-24	
72	HHCN-029	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.1	10.0	5	10	✓	10-May-24	
73	HHCN-030	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.8	10.0	5	10	✓	10-May-24	
74	HHCN-031	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.6	10.0	5	10	✓	10-May-24	
75	HHCN-032	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.4	10.0	5	10	✓	10-May-24	
76	HHCN-033	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.2	10.0	5	10	✓	10-May-24	
77	HHCN-034	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.0	10.0	5	10	✓	10-May-24	
78	HHCN-035	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	10.4	10.0	5	10	✓	10-May-24	
79	HHCN-036	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.7	10.0	5	10	✓	10-May-24	
80	HHCN-037	Polytron 2 XP - Tox	2000	HCN	0-30 ppm	HCN / 10PPM	0.0	0.0	0.0	10.0	9.8	10.0	5	10	✓	10-May-24	



INSPECTION SUMMARY REPORT



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	1 of 41
Inspection of	8"-HC-2822-C20b			Project No	2301037

EXTERNAL INSPECTION CHECKLIST  
FOR CUI/ CUS AND PIPING INSPECTION



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	2 of 41
Inspection of	8"-HC-2822-C20b			Project No	2301037

## PIPING INSPECTION RESULT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	3 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	4 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	5 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	6 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037



## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	7 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	8 of 41
Inspection of	Project No				



## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	9 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	10 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	11 of 41
Project No.	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	12 of 41
Project No.	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	13 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	14 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	15 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	16 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	17 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037
Inspection Comment					

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	18 of 41
Inspection of	8"-HC-2822-C20b			Project No.	2301037
Inspection Comment					

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	19 of 41
Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
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Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	21 of 41
Inspection of	Project No.				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	22 of 41
Inspection of	Project No.				



## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	23 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	24 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	25 of 41
Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	26 of 41
Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	27 of 41
Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	28 of 41
Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	29 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	30 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	31 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	32 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	33 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited	Location	Map Ta Phut, Rayong	Inspection Date	7-Feb-23
Client Rep. Name	Mr. Burawit Manjahuna	Test Site	Pipeline in Map Ta Phut	Page No.	34 of 41
Inspection of	Project No				

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	35 of 41
Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	36 of 41
Project No	



## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	37 of 41
Project No	

## VISUAL INSPECTION REPORT

Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna
Inspection of	

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	38 of 41
Project No	

**VISUAL INSPECTION REPORT**  
Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	39 of 41

**VISUAL INSPECTION REPORT**  
Addition



Client Name	PTT Asahi Chemical Company Limited
Client Rep. Name	Mr. Burawit Manjahuna

Location	Map Ta Phut, Rayong
Test Site	Pipeline in Map Ta Phut

Inspection Date	7-Feb-23
Page No.	40 of 41

# VISUAL INSPECTION REPORT

Addition



Client Name

PTT Asahi Chemical Company Limited

Client Rep. Name

Mr. Burawit Manjahuna

Location

Map Ta Phut, Rayong

Test Site

Pipeline in Map Ta Phut

Inspection Date

7-Feb-23

Page No.

41 of 41

Inspection of

Project No.













## PAUT Corrosion Mapping with Hydroform



Client Name

Location

Inspection Date























EASTERN FLUID TRANSPORT CO.,LTD.

บริษัท อีสเทิร์น ฟลูอิด ทรานสปอร์ต จำกัด

2 ถนนเมืองใหม่มาบตาพุดสาย 6 ตำบลห้วยโป่ง อำเภอเมืองระยอง จังหวัดระยอง 21150  
โทรศัพท์ (038) 687513 - 4 โทรสาร (038) 687512 <https://www.eftmtp.com>



ที่ EFT-040/2567

5 เมษายน 2567

เรื่อง นำส่งรายงานการบริหารจัดการและดูแลบำรุงรักษาโครงสร้างสำหรับวางท่อ (Pipe rack) ไตรมาสที่ 1  
(มกราคม – มีนาคม 2567)

เรียน ผู้จัดการโรงงาน

สิ่งที่ส่งมาด้วย รายงานการบริหารจัดการและดูแลบำรุงรักษาโครงสร้างสำหรับวางท่อ (Pipe rack) ไตรมาสที่ 1  
(มกราคม – มีนาคม 2567)

บริษัท อีสเทิร์น ฟลูอิด ทรานสปอร์ต จำกัด (EFT) ขอนำส่งรายงานการบริหารจัดการและดูแลบำรุงรักษา  
โครงสร้างสำหรับวางท่อ (Pipe rack) ไตรมาสที่ 1 (มกราคม – มีนาคม 2567) เพื่อทราบและใช้เป็นข้อมูลสำหรับการ  
ดำเนินงานในส่วนที่เกี่ยวข้องต่อไป

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ



(นายพรเทพ มุจรพัฒน์)

ผู้จัดการทั่วไป

บริษัท อีสเทิร์น ฟลูอิด ทรานสปอร์ต จำกัด

รายงานการบริหารจัดการและดูแลบำรุงรักษาโครงสร้างสำหรับวางท่อ (PIPERACK)

ไตรมาสที่ 1 (มกราคม – มีนาคม 2567)



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### 1. การติดต่อประสานงานโครงการก่อสร้างวางท่อขนส่งผลิตภัณฑ์ของผู้ประกอบการ

#	สถานะการดำเนินงานของโครงการ	จำนวนโครงการ	เจ้าของโครงการ
1.	ขออนุมัติในหลักการก่อสร้างวางท่อขนส่งผลิตภัณฑ์	8	1) PTT Tank 2 โครงการ 2) TPC 3) GPSC 4) GC 2 โครงการ 5) PTTEP 6) PTT
2.	จัดเตรียม/ส่งข้อมูลวิศวกรรม, ออกแบบก่อสร้าง และตรวจสอบรายการคำนวณโครงสร้างสำหรับวางท่อ	9	1) HMC 2) PTT Tank 2 โครงการ 3) ABT 4) GC 2 โครงการ 5) GPSC 6) TTT 7) BIG
3.	ขออนุญาตก่อสร้างวางท่อขนส่งผลิตภัณฑ์	1	1) 1) GEN
4.	อยู่ระหว่างการก่อสร้างวางท่อขนส่งผลิตภัณฑ์	7	1) PTT 2 โครงการ 2) BCC 3) PTTAC 4) GC 5) AVT 2 โครงการ
5.	ก่อสร้างวางท่อขนส่งผลิตภัณฑ์แล้วเสร็จ	-	

### 2. งานซ่อมบำรุงรักษาโครงสร้างสำหรับวางท่อ และกำกับดูแลบริเวณพื้นที่ข้างเคียง

#### 2.1) งานซ่อมแซมบำรุงรักษาโครงสร้างสำหรับวางท่อ

#	รายละเอียดของงาน	สถานะของการดำเนินงาน
1)	ทาสีและขึ้นน็อตยึดแน่น Piperack	จะแจ้งให้ทราบในภายหลัง
2)	งานปรับปรุง ซ่อมแซม Box Culvert	จะแจ้งให้ทราบในภายหลัง
3)	งานปรับปรุงสภาพพื้นที่บริเวณแนว Piperack	จะแจ้งให้ทราบในภายหลัง

#### 2.2) งานทำความสะอาดและกำจัดวัชพืชบริเวณโครงสร้างสำหรับวางท่อ

#	ภาพก่อนปฏิบัติงาน	ภาพหลังปฏิบัติงาน
1.		





กำจัดแมลงมีพิษ (ผึ้ง / ต่อ / แตน) บนโครงสร้างสำหรับวางท่อ



### 3. งานด้านความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมและฝึกอบรม

3.1 สถิติชั่วโมงความปลอดภัยในการทำงานโดยไม่เกิดอุบัติเหตุถึงขั้นหยุดงาน (พนักงาน EFT / ผู้ประกอบการและบริษัทผู้รับเหมาที่เข้าทำงานในพื้นที่ Piperack) ถึงเดือนมีนาคม 2567

#	รายละเอียด	เป้าหมาย	จำนวนชั่วโมงทำงาน
1.	- ทำงานโดยไม่เกิดอุบัติเหตุถึงขั้นหยุดงาน Zero Accident (หยุดงานไม่เกิน 1 วัน) เริ่มตั้งแต่วันที่ 1 มีนาคม 2557 ถึงวันที่ 31 ธันวาคม 2567	9,264,669	8,871,178
2.	- ทำงานโดยไม่เกิดอุบัติเหตุถึงขั้นร้ายแรง (หยุดงานไม่เกิน 3 วัน) เริ่มตั้งแต่วันที่ 10 ตุลาคม 2552 ถึงวันที่ 31 ธันวาคม 2567	15,000,000	14,606,509

3.2 รายงานการเกิดเหตุการณ์ผิดปกติและอุบัติเหตุ บริเวณแนวโครงสร้างสำหรับวางท่อ (หน่วย : จำนวนครั้ง)



#	เหตุการณ์	เดือน / ปี 2567			รวม
		มกราคม	กุมภาพันธ์	มีนาคม	
1.	ลัดกรัฟ	2 (*2)	1 (*2)	1	4
2.	อุบัติเหตุจากงานก่อสร้าง	0	0	0	0
3.	ผู้ปฏิบัติงานได้รับบาดเจ็บจากสภาพแวดล้อม Piperack / ท่อผลิตภัณฑ์	0	0	0	0
4.	อุบัติเหตุจากจราจรในพื้นที่ Piperack	0	0	0	0
5.	อุบัติเหตุจากจราจรนอกพื้นที่ Piperack	0	0	0	0
6.	เพลิงไหม้หญ้าข้างเคียง Piperack	0	0	0	0
7.	ผู้รับเหมาไม่ปฏิบัติตามกฎความปลอดภัย	0	0	0	0
8.	ผลกระทบที่เกิดจากภัยธรรมชาติ	0	0	0	0
9.	ผลิตภัณฑ์รั่วซึมออก Vent, Drain, Flange ปริมาณเล็กน้อย (*)	(34 - 8) = 26	35 - 5 = 30	41 - 2 = 39	-
10.	ผลิตภัณฑ์รั่วไหลออกจากระบบท่อผลิตภัณฑ์	0	1	0	1



#	เหตุการณ์	เดือน / ปี 2567			รวม
		มกราคม	กุมภาพันธ์	มีนาคม	
11.	ท่อผลิตก๊าซมีสภาพผิดปกติ	1	0	0	1
12.	เกิดเหตุฉุกเฉิน (มีการเข้าระงับเหตุฯ)	0	0	0	0
13.	ผลกระทบที่เกิดจากภายในโรงงาน	0	0	0	0
14.	อื่นๆ (Steam pass, เสียงจากระบบท่อฯ ฯลฯ)	2	0	0	2
15.	การทำงานพื้นที่ข้างเคียง	0	0	1	1
	รวม	4	2	2	8

หมายเหตุ : (ข้อที่ 1 (\*X) = จำนวนทรัพย์สินสูญหาย (ไม่รวมจำนวนครั้งควบคุมหรือตรวจพบผู้ก่อเหตุลักทรัพย์)  
(ข้อที่ 9 \*) = จำนวนจุดรั่วซึม - จำนวนที่ซ่อมแก้ไขแล้ว = จำนวนคงเหลือ

### 3.2.1 รายละเอียดเหตุการณ์ผิดปกติและอุบัติเหตุ บริเวณโครงสร้างสำหรับวางท่อ (PIPERACK)

#	รายละเอียดเหตุการณ์	ภาพประกอบ	สาเหตุ	การแก้ไข
1.	วันที่ 2 มกราคม 2567 เวลา 06.00 น. ตรวจพื้นที่บริเวณ Pipebridge PTT-05 พบ Pipe นั้งร้านและ Clamp นั้งร้านโครงการ PTTGSP-7/CCB-JV ถูกถอดออกวางอยู่ข้างแนวสายส่งไฟแรงสูง		- พื้นที่ลาดชัน คนขายป่า ธรรมชาติ	- แจ้งเจ้าของโครงการ รับทราบและให้นำ Clamp นั้งร้านมาใส่ คืนสภาพก่อนเริ่มงาน - NPCSG เพิ่มชุดตรวจ การณ์เข้าตรวจสอบ พื้นที่ - จัดกำลังชุมชนบริเวณ พื้นที่ลาดชัน
2.	วันที่ 6 มกราคม 2567 เวลา 19.20 น. ตรวจพื้นที่บริเวณ Pipebridge UTPE BX 2 พบว่ามี Pipe นั้งร้านจำนวน 4 ท่อน และ Clamp นั้งร้านสูญหาย จำนวน 5 ตัว		- พื้นที่ลาดชัน คนขายป่า ธรรมชาติ	- แจ้งเจ้าของโครงการ รับทราบและให้นำ Clamp นั้งร้านมาใส่ คืนสภาพก่อนเริ่มงาน - NPCSG เพิ่มชุดตรวจ การณ์เข้าตรวจสอบ พื้นที่ - จัดกำลังชุมชนบริเวณ พื้นที่ลาดชัน







#	รายละเอียดเหตุการณ์	ภาพประกอบ	สาเหตุ	การแก้ไข
3.	วันที่ 9 มกราคม 2567 เวลา 15.30 น. ตรวจสอบพื้นที่บริเวณ Pipebridge I4-BX-6 พบท่อร้อยสาย fiber Optic หลุดจาก Support วางบนท่อและมีสาย Fiber Optic กองอยู่		- ยังไม่ทราบ สาเหตุ	- แจ้งเจ้าหน้าที่ GC-8 รับทราบและเข้า ตรวจสอบ
4.	วันที่ 9 มกราคม 2567 เวลา 21.12 น. ตรวจสอบพื้นที่ถนน I-2 พบผู้ต้องสงสัย ขับรถจักรยานยนต์เข้ามาภายในพื้นที่ Piperack PTTLNG จึงทำการปิดล้อมพื้นที่ พบบุคคลภายนอก เป็นชาย 1 คน ขับรถจักรยานยนต์ เข้ามาจอดข้าง Piperack และเดินถือกระสอบปุ๋ยจำนวน 1 ใบ กำลังจะนำ Clamp นั้งร้านที่กองอยู่ข้าง Rack ใส่กระสอบ ผู้ต้องสงสัยได้หันมาพบเห็นประจำจุดและกำลังจะหลบหนี ประจักษ์ได้เข้าควบคุมตัวไว้		- พื้นที่โครงการ ก่อสร้างและ ติดถนนหลัก	- แจ้งโครงการ รับทราบและ ตรวจสอบที่เกิดเหตุ - แจ้งเจ้าหน้าที่ตำรวจ สภ. มาบตาพุดเข้า ตรวจสอบที่เกิดเหตุ และควบคุมตัวผู้ต้อง สงสัยไปลงบันทึก ประจำวัน สภ. มาบตาพุด
5.	วันที่ 14 มกราคม 2567 เวลา 06.55 น. ตรวจพื้นที่ Corridor Rack GC-3 หมายเลข 1133 พบท่อ HIGH PRESSURE STEAM หมายเลข 14-SH-1222-C625 ของ GLOW GE รั่วไหลบริเวณ Drain Valve (Plug) และมีเสียงดัง มีการฟุ้งไอน้ำ Steam ออกมารุนแรง แต่ไม่ส่งผลกระทบต่อข้างเคียงแต่อย่างใด		- อุปกรณ์ เสื่อมสภาพ	- แจ้งเจ้าหน้าที่ GLOW GE รับทราบ และจะส่งเจ้าหน้าที่เข้า ตรวจสอบที่เกิดเหตุ - ซ่อมแก้ไขเสร็จ เรียบร้อยแล้ว



#	รายละเอียดเหตุการณ์	ภาพประกอบ	สาเหตุ	การแก้ไข
6.	วันที่ 15 มกราคม 2567 เวลา 16.50 น. ตรวจพื้นที่ บริเวณ Box Culvert GLOW ถนน I-10 พบ Clamp นั่งร้านของ GLOW GE สูญหาย จำนวน 20 ตัว		- พื้นที่ลัดดา คน	- แจ้งเจ้าของโครงการ รับทราบและให้นำ Clamp นั่งร้านมาใส่ คืนสภาพก่อนเริ่มงาน - NPCSG เพิ่มชุดตรวจ การณ์เข้าตรวจสอบ พื้นที่ - จัดกำลังชุมชนบริเวณ พื้นที่ลัดดาคน
7.	วันที่ 24 มกราคม 2567 เวลา 08.45 น. ตรวจพื้นที่บริเวณ WHA EPS E-14/07-08 พบท่อ Steam line drain ขนาด 3/4” หมายเลข 15402-SH-002-20- 600D04-(W140) ของ GPSC รั่วไหล และมีเสียงดังอยู่ตลอดเวลา		- ยังไม่ทราบ สาเหตุ	- แจ้งเจ้าหน้าที่ GPSC รับทราบและจะส่ง เจ้าหน้าที่เข้า ตรวจสอบที่เกิดเหตุ - ซ่อมแก้ไขเสร็จ เรียบร้อยแล้ว
8.	วันที่ 1 กุมภาพันธ์ 2567 เวลา 05.15 น. ตรวจพื้นที่ RPL Piperack 7A พบผู้ต้องสงสัยเดิน ออกมาจากข้าง Piperack จึงได้ ควบคุมตัวไว้ ตรวจสอบทรัพย์สิน พบ Clamp นั่งร้านถูกถอด จำนวน 4 ตัวและ Pipe นั่งร้าน ขนาด 6 เมตร จำนวน 1 ท่อน ประแจทางหนู 1 ตัว แจ้ง สกต. มาพบตัว เพื่อนำตัว ผู้ต้องสงสัยไปสอบปากคำ		- พื้นที่โครงการ ก่อสร้าง	- แจ้งเจ้าของโครงการ รับทราบและให้นำ Clamp นั่งร้านมาใส่ คืนสภาพก่อนเริ่มงาน - NPCSG เพิ่มชุดตรวจ การณ์เข้าตรวจสอบ พื้นที่ - จัดกำลังชุมชนบริเวณ พื้นที่ลัดดาคน



#	รายละเอียดเหตุการณ์	ภาพประกอบ	สาเหตุ	การแก้ไข
9.	วันที่ 8 กุมภาพันธ์ 2567 เวลา 09.57 น. พบท่อน้ำใต้ดินของ WHA EIE แดง บริเวณใต้ Piperack EPS หมายเลข E-17/27 มีน้ำผุด ออกมาจากใต้ดินและไหลลงใน รางระบายน้ำ		- ท่อเก่า เสื่อมสภาพ	- แจ้ง WHA EIE รับทราบและแจ้งว่า จะส่งเจ้าหน้าที่เข้า ตรวจสอบที่เกิดเหตุ
10.	วันที่ 26 กุมภาพันธ์ 2567 เวลา 01.30 น. ตรวจพื้นที่ RPL Piperack 7A พบผู้ต้องสงสัยป็นรั้ว ตาข่าย จึงได้ควบคุมตัวไว้ และ ตรวจสอบพื้นที่ไม่พบสิ่งของสูญหาย และตรวจสอบในกระเป๋าสานพบ สายกราวด์อยู่ในกระเป๋าสาน ขโมยมาจาก ในโรงงาน GC สาขา 4 และได้หนีมา หลบในพื้นที่ Pipe Rack แจ้ง สกต. มาพบตัว เพื่อนำตัวผู้ต้องสงสัยไป สอบปากคำที่ สกต. มาพบตัว		- โครงการ ทรัพย์สินจาก ในโรงงาน	- แจ้ง GC สาขา 4 รับทราบ
11.	วันที่ 27 กุมภาพันธ์ 2567 เวลา 19.30 น. ตรวจพื้นที่ WHA EIE Piperack หมายเลข E-03/208 พบ Clamp นั่งร้านของโครงการ GPSC/ HHP สูญหาย จำนวน 12 ตัว		- พื้นที่ลัดดาคน	- แจ้งเจ้าของโครงการ รับทราบและให้นำ Clamp นั่งร้านมาใส่ คืนสภาพก่อนเริ่มงาน - NPCSG เพิ่มชุดตรวจ การณ์เข้าตรวจสอบ พื้นที่ - จัดกำลังชุมชนบริเวณ พื้นที่ลัดดาคน
12.	วันที่ 16 มีนาคม 2567 เวลา 15.00 น. โครงการ PTTGSP/CCP-JV ก่อสร้าง เพิ่มฐานราก Piperack ใกล้กับ Piperack PTT LNG พบดินเกิดการ ทรุดตัวและทำให้รั้วตาข่ายที่ติดตั้งบน Concrete Barrier ผิดรูป		- พื้นที่ทำงาน ข้างเคียง	- แจ้ง PTT LNG เข้า สำรวจพื้นที่เกิดเหตุ - ให้โครงการขอ ใบอนุญาตทำงานกับ บริษัท EFT



#	รายละเอียดเหตุการณ์	ภาพประกอบ	สาเหตุ	การแก้ไข
13.	วันที่ 17 มีนาคม 2567 เวลา 20.10 น. ตรวจสอบพื้นที่แนว Piperack PTT หมายเลข 112-141, 142-178 พบ Clamp นั้งร่นของโครงการ PTTGSP- 7/CPJ-JV สูญหาย จำนวน 20 ตัว		- พื้นที่ลัดดา คน	- แจ้งเจ้าของโครงการ รับทราบและให้นำ Clamp นั้งร่นมาใส่ คืนสภาพก่อนเริ่มงาน - NPCSG เพิ่มชุดตรวจ การณ้เข้าตรวจสอบ พื้นที่ - จัดกำลังชุมชนบริเวณ พื้นที่ลัดดาคน - บริษัท EFT ติด Tag แดง ห้ามใช้งานนั้งร่น

### 3.3 การตรวจสอบผลิตภัณฑ์ภายในท่อรั่วซึมเล็กน้อยด้วยน้ำฟองสบู่และเครื่องวัดแก๊ส (Gas Detector)

#### 3.3.1 การตรวจสอบเบื้องต้นเพื่อหาจุดรั่วซึมเล็กน้อย (ด้วยฟองสบู่)

ผลิตภัณฑ์ ภายในท่อ	จำนวนจุดรั่วซึม เล็กน้อย	เจ้าของท่อ	หมายเหตุ
OXYGEN	1	LINDE	แจ้งเจ้าของท่อรับทราบ/และจะเข้าดำเนินการแก้ไข
HIGH-PRESSURE STEAM	18	GLOW GE, GPSC- 1	แจ้งเจ้าของท่อรับทราบ/และจะเข้าดำเนินการแก้ไข
MEDIUM-PRESSURE STEAM	12	GLOW GE	แจ้งเจ้าของท่อรับทราบ/และจะเข้าดำเนินการแก้ไข
LOW-PRESSURE STEAM	2	GLOW SPP-1	แจ้งเจ้าของท่อรับทราบ/และจะเข้าดำเนินการแก้ไข
INSTRUMENT AIR	1	GPSC-1	แจ้งเจ้าของท่อรับทราบ/และจะเข้าดำเนินการแก้ไข
DEMINERALIZED WATER	1	GPSC-1	แจ้งเจ้าของท่อรับทราบ/และจะเข้าดำเนินการแก้ไข
STEAM CONDENSATE	4	GLOW GE	แจ้งเจ้าของท่อรับทราบ/และจะเข้าดำเนินการแก้ไข
รวม	39		



### 3.3.2 การตรวจหาปริมาณการรั่วซึม ด้วยเครื่องวัดแก๊ส (Gas Detector)

ผลิตภัณฑ์ภายในท่อ	จำนวนจุดรั่วซึมเล็กน้อย	เจ้าของท่อ	หมายเหตุ
HYDROGEN GAS	2	LINDE, GC-11	ตรวจวัดค่า LEL 0%
ETHYLENE	1	GC-11	ตรวจวัดค่า LEL 0%
รวม	3		

หมายเหตุ: ตรวจสอบโดยใช้ Gas Detector ในระยะ 10 เซนติเมตร ค่า LEL เป็น 0%

### 3.4 การดำเนินงานมาตรการด้านความปลอดภัยและระงับเหตุฉุกเฉิน

#	รายละเอียด	กำหนดการ	รูปภาพประกอบ
1.	อบรมเจ้าหน้าที่รักษาความปลอดภัย หลักสูตรการปฏิบัติเมื่อพบบุคคลและ วัตถุต้องสงสัย	ครั้งที่ 1 วันที่ 9 กุมภาพันธ์ 2567 ครั้งที่ 2 วันที่ 16 กุมภาพันธ์ 2567	

### 3.5 การฝึกซ้อมแผนฉุกเฉินร่วมกับหน่วยงานภายนอก

#### 3.5.1 สรุปลฝึกซ้อมระงับแผนฉุกเฉินร่วมกับหน่วยงานภายนอก

#	ระดับการฝึกซ้อมแผน ฯ	เดือน / ปี 2567									
		ม.ค.	เม.ย.	พ.ค.	มิ.ย.	ก.ค.	ส.ค.	ก.ย.	ต.ค.	พ.ย.	ธ.ค.
1.	ระดับ 1 (การนิคมฯ)	21, GC18									
2.	ระดับ 2 (การนิคมฯ)	-									
3.	ระดับ 3 (การนิคมฯ) = ระดับ 1 จังหวัด	-									

หมายเหตุ - XX = วันที่ฝึกซ้อม, (ร่วมฝึกซ้อมฯ กับหน่วยงานภายนอก)





### 3.5.2 รายละเอียดฝึกซ้อมแผนฉุกเฉิน

#	วันที่ซ้อมแผนฉุกเฉิน	ระดับซ้อมแผนฉุกเฉิน	ซ้อมแผนร่วมกับหน่วยงานภายนอก	รูปภาพประกอบ
1.	วันที่ 21 มีนาคม 2567	ระดับ 1 (การนิคมฯ)	1. บริษัท พีทีที โกลบอล เคมิคอล จำกัด (มหาชน) (GC สาขา 18) 2. นิคมอุตสาหกรรม ดับบลิว เอช เอ ตะวันออก (มาบตาพุด) 3. บริษัท NPC S&E	   

### 3.6 ให้บริการฝึกอบรมด้านความปลอดภัยสำหรับผู้สนใจภายนอก

บริษัท EFT ให้บริการฝึกอบรมด้านความปลอดภัยสำหรับผู้สนใจบุคคลภายนอก มีหลักสูตรที่เปิดให้บริการดังนี้

- 1) หลักสูตรฝึกอบรมความปลอดภัยในการทำงานในที่อับอากาศ
- 2) หลักสูตรฝึกซ้อมการดับเพลิงขั้นต้น
- 3) หลักสูตรฝึกซ้อมดับเพลิงและฝึกซ้อมอพยพหนีไฟ
- 4) หลักสูตรฝึกซ้อมการดับเพลิงขั้นสูง



### 3.6.1 เดือนมกราคม ถึง เดือนมีนาคม 2567 บริษัท EFT ไม่มีการให้บริการอบรมกับบุคคลภายนอก

### 4. งานให้บริการเบ็ดเสร็จครบวงจร (One Stop Services)

#	สถานะของการให้บริการ	จำนวนโครงการ	เจ้าของโครงการ	ลักษณะของโครงการ
A.	ประสานงาน	-		
B.	อยู่ระหว่างการให้บริการ	1	CPP (PTT)	CE
C.	การให้บริการแล้วเสร็จ	-		

หมายเหตุ: CE = Consultant Engineering

CSS = Construction Supervision Service

FS = Feasibility Study

## ent Calibration Plan & Result 2024

											1st Calibrate of Year 2024										2nd Calibrate of Year 2024/2025										2nd Calibrate of Year 2025										
NO.	Type	Gas detector Model	Gas detector type	Sensor type	Serial No.	Owner	Name	Vendor	License Frequency / KHz	Next Plan of Year 2024	1st Plan					1st Actual					2nd Plan					2nd Actual					3rd Plan					3rd Actual					Next Plan of Year 2025
											1st plan Date	1st plan Month	1st plan Year	1st plan Value	1st actual Date	1st actual Month	1st actual Year	1st actual Value	Followup	2nd plan Date	2nd plan Month	2nd plan Year	2nd plan Value	2nd actual Date	2nd actual Month	2nd actual Year	2nd actual Value	Followup	3rd plan Date	3rd plan Month	3rd plan Year	3rd plan Value	3rd actual Date	3rd actual Month	3rd actual Year	3rd actual Value	Followup				
1		Multi Gas	X-am 5000	Multi Gas / X-am 5000	ACH / HCN / NH3	AREB-0361	SS	Presencia (EnviteSA)	Drageo	2	07-03-24	7	3	2024	1	22	4	2024	1	0	22	10	2024	1																	
2		Multi Gas	X-am 5000	Multi Gas / X-am 5000	ACH / HCN / NH3	AREB-0527	SS	Presencia (EnviteSA)	Drageo	2	15-04-24	15	4	2024	1	10	5	2024	1	0	9	11	2024	1																	
3		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL, H2S, CO2, NH3	ARCF-0209	MM		Drageo	2	24-05-24	24	5	2024	1	29	5	2024	1	0	28	11	2024	1																	
4		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL (O2)/H2S/CO	AREA-0860	MT		Drageo	2	04-06-24	4	6	2024	1	11	6	2024	1	0	11	12	2024	1																	
5		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL (O2)/H2S/CO	AREA-0865	SS	Center	Drageo	2	24-05-24	24	5	2024	1	29	5	2024	1	0	29	11	2024	1																	
6		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL (O2)/H2S/CO	AREA-0670	SS	Center	Drageo	2	20-02-24	20	2	2024	1	12	2	2024	1	0	12	8	2024	1																	
7		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL (O2)/H2S/CO	AREA-0913	QA		Drageo	2	24-05-24	24	5	2024	1	29	5	2024	1	0	29	11	2024	1																	
8		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL (O2)/H2S/CO	AREA-0914	MM		Drageo	2	16-01-24	16	1	2024	1	25	1	2024	1	0	25	7	2024	1																	
9		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL (O2)/H2S/CO	AREA-0921	LT		Drageo	2	20-02-24	20	2	2024	1	12	2	2024	1	0	12	8	2024	1																	
10		Multi Gas	X-am 5000	Multi Gas / X-am 5000	LEL (O2)/H2S/CO	AREA-0949	SS	Presencia (EnviteSA)	Drageo	2	16-01-24	16	1	2024	1	25	1	2024	1	0	25	7	2024	1																	
11		Single Gas	X-am 2000	Single Gas / X-am 2000	LEL	AREB-2050	MM		Drageo	2	07-03-24	7	3	2024	1	22	4	2024	1	0	22	10	2024	1																	
12		Single Gas	X-am 2000	Single Gas / X-am 2000	LEL	AREB-1684	MM		Drageo	2	20-02-24	20	2	2024	1	27	2	2024	1	0	27	8	2024	1																	
13		Single Gas	X-am 2000	Single Gas / X-am 2000	LEL	ARE-0142	MM		Drageo	2	07-03-24	7	3	2024	1	22	4	2024	1	0	22	10	2024	1																	
14		Single Gas	PAC 7000	Single Gas / PAC 7000	O2	AREC-2345	SS	Presencia@P71	Drageo	1	20-02-24	20	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
15		Single Gas	PAC 7000	Single Gas / PAC 7000	O2	AREC-2347	SS	Center	Drageo	1	31-01-24	31	1	2024	1	25	1	2024	1	0	25	1	2025	1																	
16		Single Gas	PAC 7000	Single Gas / PAC 7000	O2	AREC-2348	SS	Center	Drageo	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
17		Single Gas	PAC 7000	Single Gas / PAC 7000	NH3	AREC-0985	SS	Center	Drageo	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
18		Single Gas	PAC 7000	Single Gas / PAC 7000	NH3	AREC-0986	SS	Center	Drageo	1	25-04-24	25	4	2024	1	10	5	2024	1	0	10	5	2025	1																	
19		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-1302	SS	Center	Drageo	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
20		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-0984	MM		Drageo	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1																	
21		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-0912	SS		Drageo	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1																	
22		Single Gas	PAC 7000	Single Gas / PAC 7000	ACH	AREC-1142	SS	Center	Drageo	1	31-01-24	31	1	2024	1	25	1	2024	1	0	25	1	2025	1																	
23		Single Gas	PAC 7000	Single Gas / PAC 7000	ACH	AREC-3549	SS	Center	Drageo	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1																	
24		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-3557	SS	Center	Drageo	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
25		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-3363	SS	Presencia@P71	Drageo	1	20-02-24	20	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
26		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-3564	SS	Center	Drageo	1	30-03-24	30	3	2024	1	22	4	2024	1	0	22	4	2025	1																	
27		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-3568	SS	Center	Drageo	1	20-02-24	20	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
28		Single Gas	PAC 7000	Single Gas / PAC 7000	NH3	AREB-0121	SS	Center	Drageo	1	16-03-24	16	3	2024	1	10	5	2024	1	0	10	5	2025	1																	
29		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-1302	SS	Center	Drageo	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1																	
30		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-1304	SS	Center	Drageo	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
31		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-1311	AN		Drageo	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1																	
32		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-1339	MT		Drageo	1	20-02-24	20	2	2024	1	27	2	2024	1	0	27	2	2025	1																	
33		Single Gas	PAC 7000	Single Gas / PAC 7000	H2S	AREC-1624	SS	Center	Drageo	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
34		Single Gas	PAC 7000	Single Gas / PAC 7000	O2	AREC-2104	SS		Drageo	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1																	
35		Single Gas	PAC 7000	Single Gas / PAC 7000	ACH	AREC-0081	SS	Center	Drageo	1	08-05-24	8	5	2024	1	29	5	2024	1	0	29	5	2025	1																	
36		Single Gas	PAC 7000	Single Gas / PAC 7000	ACH	AREB-2037	SS	Center	Drageo	1	25-04-24	25	4	2024	1	22	4	2024	1	0	22	4	2025	1																	
37		Single Gas	PAC 7000	Single Gas / PAC 7000	MMMA	AREB-0208	MT		Drageo	1	20-05-24	20	5	2024	1	29	5	2024	1	0	29	5	2025	1																	
38		Single Gas	PAC 7000	Single Gas / PAC 7000	NH3	AREC-1726	SS	Center	Drageo	1	31-01-24	31	1	2024	1	25	1	2024	1	0	25	1	2025	1																	
39		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREC-3564	SS	Center	Drageo	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1																	
40		Single Gas	PAC 7000	Single Gas / PAC 7000	HCN	AREB-0282	LT		Drageo	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1																	
41		Hand Pump	Hand Pump	Hand Pump / Hand Pump	AWB-F002-001	AN		Drageo	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1																		
42		Hand Pump	Hand Pump	Hand Pump / Hand Pump	AWB-F002-002	SS	Center	Drageo	1	20-02-24	20	2	2024	1	12	2	2024	1	0	12	2	2025	1																		
43		Hand Pump	Hand Pump	Hand Pump / Hand Pump	AWB-F002-003	AN		Drageo	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1																		
44		Hand Pump	Hand Pump	Hand Pump / Hand Pump	AWB-F002-004	AN		Drageo	1	20-04-24	20	4	2024	1	10	5	2024	1	0	10	5	2025	1																		
45		Hand Pump	Hand Pump	Hand Pump / Hand Pump	AWB-F002-005	AN		Drageo	1	25-04-24	25	4	2024	1	10	5	2024	1	0	10	5	2025	1																		
46		Hand Pump	Hand Pump	Hand Pump / Hand Pump	AWB-F001-006	SS	Presencia (EnviteSA)	Drageo	1	25-04-24	25	4	2024	1	10	5	2024	1	0	10	5	2025	1																		
47		Hand Pump	Hand Pump	Hand Pump / Hand Pump	AWB-F001-007	SS	Presencia (EnviteSA)	Drageo	1	24-11-24	24	11	2024					0	1				1																		
48		Alcohol Test	Alcohol Test B010	Alcohol Test / Alcohol Test B010	AREC-0721	SS	Program/Security	Drageo	2	16-01-24	16	1	2024	1	25	1	2024	1	0	25	7	2024	1																		
49		Alcohol Test	Alcohol Test B010	Alcohol Test / Alcohol Test B010	AREC-0687	SS	Program/Security	Drageo	2	20-02-24	20	2	2024	1	12	2	2024	1	0	12	8	2024	1																		
50		Alcohol Test	Alcohol Test B010	Alcohol Test / Alcohol Test B010	AREC-0728	SS	Program/Security	Drageo	2	24-05-24	24	5	2024	1	29	5	2024	1	0	28	11	2024	1																		
51		Alcohol Test	Alcohol Test B010	Alcohol Test / Alcohol Test B010	AREC-0193	SS	Program/Security</																																		

## Safety Equipment Calibration Plan & Result 2024

NO.	Type	Gas detector Model	Gas detector type	Sensor type	Serial No.	Owner	Name	Vendor	License Frequency / Yr.	Next Plan of Year 2024	1st Calibrate of Year 2024									2nd Calbrate of Year 2024/2025									2nd Calibrate of Year 2025									Next Plan of Year 2025
											1st Plan		1st Actual		Followup					2nd Plan		2nd Actual		Followup					3rd Plan		3rd Actual							
											1st plan Date	1st plan Month	1st plan Value	1st actual Date	1st actual Month	1st actual Value	Followup	2nd plan Date		2nd plan Month	2nd plan Value	2nd actual Date	2nd actual Month	2nd actual Value	Followup	3rd plan Date	3rd plan Month		3rd plan Year	3rd plan Value	3rd actual Date	3rd actual Month	3rd actual Year	3rd actual Value	Followup			
76	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	ARH-0299	SS	Center	Dreager	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1	0	25	1	2025	1	0	1								
76	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	ARH-0299	SS	Center	Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
77	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	ARH-0299	SS	Center	Dreager	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1	0	25	1	2025	1	0	1								
78	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	ARH-0291	SS	Center	Dreager	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1	0	25	1	2025	1	0	1								
79	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	ARJC-1280	LT		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
80	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	ARJC-1281	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
81	Radiation Survey Meter	Portable 210S-I	Radiation Survey Meter / Portable 210S-I	-	SIS	BS	Tanaka			19-05-24	19	5	2024	1	28	5	2024	1	0	28	5	2025	1	0	28	5	2025	1	0	1								
82	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	AUS-3482	LT		Dreager	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1	0	22	4	2025	1	0	1								
83	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	AUS-3483	LT		Dreager	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1	0	22	4	2025	1	0	1								
84	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	AUS-3484	LT		Dreager	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1	0	22	4	2025	1	0	1								
85	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	AUS-3485	SS	Center	Dreager	1	16-01-24	16	1	2024	1	25	1	2024	1	0	25	1	2025	1	0	25	1	2025	1	0	1								
86	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	AUS-3486	SS	Center	Dreager	1	25-04-24	25	4	2024	1	10	5	2024	1	0	10	5	2025	1	0	10	5	2025	1	0	1								
87	Single Gas	PAC 7000	Single Gas / PAC 7000	ALCN	AKCQ-0753	GA		Dreager	1	22-05-24	22	5	2024	1	29	5	2024	1	0	29	5	2025	1	0	29	5	2025	1	0	1								
88	Single Gas	PAC 7000	Single Gas / PAC 7000	NH3	AKCC-0084	GA		Dreager	1	25-04-24	25	4	2024	1	10	5	2024	1	0	10	5	2025	1	0	10	5	2025	1	0	1								
89	Single Gas	PAC 7000	Single Gas / PAC 7000	NH3	ANL-B-0579	GA		Dreager	1	25-04-24	25	4	2024	1	10	5	2024	1	0	10	5	2025	1	0	10	5	2025	1	0	1								
90	Single Gas	PAC 7000	Single Gas / PAC 7000	SiO2	ANL-B-4512	MM		Dreager	1	23-02-24	23	2	2024	1	27	2	2024	1	0	27	2	2025	1	0	27	2	2025	1	0	1								
91	Single Gas	PAC 7000	Single Gas / PAC 7000	MMA	ARF-2001	LT		Dreager	1	25-04-24	25	4	2024	1	10	5	2024	1	0	10	5	2025	1	0	10	5	2025	1	0	1								
92	Single Gas	PAC 7000	Single Gas / PAC 7000	HCLN	AUS-3481	LT		Dreager	1	20-07-24	20	7	2024	1				0	1				1	0	1				0	1								
93	IED	Philips 961304	Automated External Defibrillator - AED	HCLN	B1TC-0384	SS	First aid room	Ultimate Plus Supply	1	14-02-24	14	2	2024	1	26	2	2024	1	0	26	2	2025	1	0	26	2	2025	1	0	1								
94	IED	Philips 961304	Automated External Defibrillator - AED	HCLN	B1PK-0602	SS	LT	Ultimate Plus Supply	1	27-01-24	27	1	2024	1	26	1	2024	1	0	26	1	2025	1	0	26	1	2025	1	0	1								
95	IED	Philips 961304	Automated External Defibrillator - AED	HCLN	B1BS-0527	SS	CCP	Ultimate Plus Supply	1	18-09-24	18	9	2024	1			0	1			0	1			0	1			0	1								
96	IED	Philips 961304	Automated External Defibrillator - AED	HCLN	B1TA-01712	SS	First aid room	Ultimate Plus Supply	1	03-04-24	3	4	2024	1	29	4	2024	1	0	29	4	2025	1	0	29	4	2025	1	0	1								
97	Weight & Height scale	Weight & Height scale	Weight & Height scale		9H-8821	SS	First aid room		1	13-12-24	13	12	2024	1			0	1			0	1			0	1			0	1								
98	Single Gas	PAC 8000	Single Gas / PAC 8000	NH3	ARMA-0006	AN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
98	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMA-0017	AN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
100	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMA-0018	AN		Dreager	1	16-03-24	16	3	2024	1	22	4	2024	1	0	22	4	2025	1	0	22	4	2025	1	0	1								
101	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMA-0019	AN		Dreager	1	20-02-24	20	2	2024	1	1	3	2024	1	0	1	3	2025	1	0	1	3	2025	1	0	1								
102	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMA-0020	AN		Dreager	1	28-02-24	28	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
103	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARL-F-0035	AN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
104	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARL-F-0034	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
105	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARL-F-0046	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
106	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARL-F-0033	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
107	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMS-0187	AN		Dreager	1	20-03-24	20	2	2024	1	1	3	2024	1	0	1	3	2025	1	0	1	3	2025	1	0	1								
108	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0186	AN		Dreager	1	20-03-24	20	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
109	Single Gas	PAC 8000	Single Gas / PAC 8000	H2S	ARMB-0183	AN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
110	Single Gas	PAC 8000	Single Gas / PAC 8000	H2S	ARMB-0194	AN		Dreager	1	20-02-24	20	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
111	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0187	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
112	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0189	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
113	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0190	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
114	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0191	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
115	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0192	EN		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
116	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0194	MT		Dreager	1	13-02-24	13	2	2024	1	27	2	2024	1	0	27	2	2025	1	0	27	2	2025	1	0	1								
117	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0190	LT		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
118	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0196	LT		Dreager	1	13-02-24	13	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
119	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0190	MM		Dreager	1	13-02-24	13	2	2024	1	27	2	2024	1	0	27	2	2025	1	0	27	2	2025	1	0	1								
120	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0201	MM		Dreager	1	13-02-24	13	2	2024	1	27	2	2024	1	0	27	2	2025	1	0	27	2	2025	1	0	1								
121	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0201	MM		Dreager	1	20-02-24	20	2	2024	1	27	2	2024	1	0	27	2	2025	1	0	27	2	2025	1	0	1								
122	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0202	MM		Dreager	1	20-02-24	20	2	2024	1	27	2	2024	1	0	27	2	2025	1	0	27	2	2025	1	0	1								
123	Single Gas	PAC 8000	Single Gas / PAC 8000	NH3	ARMB-0198	MM		Dreager	1	13-02-24	13	2	2024	1	27	2	2024	1	0	27	2	2025	1	0	27	2	2025	1	0	1								
124	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0203	MT		Dreager	1	20-02-24	20	2	2024	1	12	2	2024	1	0	12	2	2025	1	0	12	2	2025	1	0	1								
125	Single Gas	PAC 8000	Single Gas / PAC 8000	HCLN	ARMB-0204	MT		Dreager	1	20-02-24	20	2	2024	1	27	2	2024	1	0	27	2	2025	1	0														



## ent Calibration Plan & Result 2024

[illegible]



1M-Visual Inspection Checklist for Pump/Agitator/Blower

1. IDENTIFICATION			
Tag No: <u>AP-111A-1</u>	Date: <u>5-9-2024</u>		
MO No: <u>8900103523</u>	Area: <u>AN</u>		
<input checked="" type="checkbox"/> Overhead Centrifugal Pump	<input type="checkbox"/> Between Bearing Centrifugal Pump		
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump		
<input type="checkbox"/> Diaphragm Pump	<input type="checkbox"/> Blower		
PM			
3. CONDITIONS			
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Location / Comment
Oil ring for proper working?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Constant level oil for proper working?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Stand packing (for leakage)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Condition of mechanical seal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Cooling water flow?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Condition of coupling guard?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Condition of bearing by sound and temperature?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Electric motor load current (at discharge valve shut-off and open condition)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Sealing of bearing: if bearings are grease lubricated	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
4. LEAKS	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any leaks from the process?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any leaks from steam tracing?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Are any valves leaking?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
5. PIPE SUPPORT	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any shoes off their supports?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any hangers missing or damaged?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any spring hangers bottomed-out?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any problems with support brackets?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any loose or broken brackets?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
6. VIBRATION	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any significant vibration observed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any evidence of excessive movement?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any pipe distortion observed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
7. INSULATION	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any physical damage or penetration?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any bulging or wet insulation?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
8. CORROSION	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any corrosion at support points or flanges?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any coating or paint deterioration?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any areas with scale, pits, or rust?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any corrosion between flanges?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any significant corrosion of flange bolts?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Remark: N/A if there is not for that rotating machine			
Reported By:	Reviewed By:	Revision No.0	
Form No. F14-MT-0001	Revision Date: 31-Mar-20		



1. IDENTIFICATION

Tag No: <u>AP-192A-1</u>	Date: <u>14/24</u>		
MO No: <u>8900105113</u>	Area: <u>AN</u>		
<input checked="" type="checkbox"/> Overhead Centrifugal Pump	<input type="checkbox"/> Between Bearing Centrifugal Pump		
<input type="checkbox"/> Canned pump	<input type="checkbox"/> Metering Pump		
<input type="checkbox"/> Diaphragm Pump	<input type="checkbox"/> Blower		
N/A			
3. CONDITIONS			
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Location / Comment
Oil ring for proper working?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Constant level oil for proper working?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Stand packing (for leakage)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Condition of mechanical seal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Cooling water flow?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Condition of coupling guard?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Condition of bearing by sound and temperature?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Electric motor load current (at discharge valve shut-off and open condition)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Sealing of bearing: if bearings are grease lubricated	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
4. LEAKS	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any leaks from the process?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any leaks from steam tracing?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Are any valves leaking?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
5. PIPE SUPPORT	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any shoes off their supports?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any hangers missing or damaged?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any spring hangers bottomed-out?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any problems with support brackets?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any loose or broken brackets?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
6. VIBRATION	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any significant vibration observed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any evidence of excessive movement?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any pipe distortion observed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
7. INSULATION	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any physical damage or penetration?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any deterioration/damage of weather seals?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any bulging or wet insulation?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
8. CORROSION	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Location / Comment
Any corrosion at support points or flanges?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any coating or paint deterioration?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any areas with scale, pits, or rust?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any corrosion between flanges?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Any significant corrosion of flange bolts?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Remark: N/A if there is not for that rotating machine			
Reported By:	Reviewed By:	Revision No.0	
Form No. F14-MT-0001	Revision Date: 31-Mar-20		

1. IDENTIFICATION		Part	Date
Tag No:	AP-14-A1	AN	8/5/24
IMO No:			
<input checked="" type="checkbox"/> Overhaul Centrifugal Pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump	
<input type="checkbox"/> Centrifugal Pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator	
<input type="checkbox"/> Diaphragm Pump	<input type="checkbox"/> Blower		

CONDITIONS	Yes	No	N/A	Location / Comment
Is it bearing housing for water contamination and sediment (replace if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Oil ring for proper working?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Constant level oil for proper working?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Shaft packing (for leakage)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of coupling guard?	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Electric motor load current (at discharge valve shut-off and open condition)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing: if bearings are grease lubricated	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any from steam tracing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any shims off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any physical vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any physical damage or penetration?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any corrosion at support posts or flanges?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any corrosion between flanges?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Remark: N/A if there is not for that rotating machine

Reported By: [Redacted] Reviewed By: [Redacted]  
 Form No. 154-A1-1003 Revision Date: 31-Mar-20 Revision No. 0

1. IDENTIFICATION		Part	Date
Tag No:	AP-122B-1	AN	4/4/24
IMO No:	800610-3114		
<input checked="" type="checkbox"/> Overhaul Centrifugal Pump	<input type="checkbox"/> Between Bearing Centrifugal Pump	<input type="checkbox"/> Vertical Centrifugal Pump	
<input type="checkbox"/> Centrifugal Pump	<input type="checkbox"/> Metering Pump	<input type="checkbox"/> Agitator	
<input type="checkbox"/> Diaphragm Pump	<input type="checkbox"/> Blower		

CONDITIONS	Yes	No	N/A	Location / Comment
Is it bearing housing for water contamination and sediment (replace if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Oil ring for proper working?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Constant level oil for proper working?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Shaft packing (for leakage)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of mechanical seal?	<input type="checkbox"/>	<input type="checkbox"/>		
Cooling water flow?	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of coupling guard?	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing by sound and temperature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Electric motor load current (at discharge valve shut-off and open condition)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	<input type="checkbox"/>	<input type="checkbox"/>		
Condition of bearing: if bearings are grease lubricated	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any leaks from the process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any from steam tracing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Are any valves leaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any shims off their supports?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any hangers missing or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any problems with support braces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any loose or broken brackets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any evidence of excessive movement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any physical vibration observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any pipe distortion observed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any physical damage or penetration?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any bulging or wet insulation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any discoloration indicating leakage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any retaining bands missing/broken?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any missing jackets, plugs, or insulation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any corrosion at support posts or flanges?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any corrosion between flanges?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Remark: N/A if there is not for that rotating machine

Reported By: [Redacted] Reviewed By: [Redacted]  
 Form No. 154-A1-1003 Revision Date: 31-Mar-20 Revision No. 0





1. IDENTIFICATION		Tag No.	AP-112 1-1	Area	AN	Date	05-03-24
MO No.		Overhang Centrifugal Pump	<input type="checkbox"/>	Between Bearing Centrifugal Pump	<input type="checkbox"/>	Vertical Centrifugal Pump	<input type="checkbox"/>
		Canister pump	<input type="checkbox"/>	Melting Pump	<input type="checkbox"/>	Agitator	<input type="checkbox"/>
		Diaphragm Pump	<input type="checkbox"/>	Blower	<input type="checkbox"/>		<input type="checkbox"/>
2. CONDITION							
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?							
		Oil ring for proper working?	<input checked="" type="checkbox"/>				
		Constant level oil for proper working?	<input checked="" type="checkbox"/>				
		Gland packing (for leakage)?	<input checked="" type="checkbox"/>				
		Condition of mechanical seal?	<input checked="" type="checkbox"/>				
		Cooling water flow?	<input checked="" type="checkbox"/>				
		Condition of coupling guard?	<input checked="" type="checkbox"/>				
		Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>				
		Electric motor load current (at discharge valve shut-off and open condition)?	<input checked="" type="checkbox"/>				
		Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	<input checked="" type="checkbox"/>				
		Greasing of bearing; if bearings are grease lubricated	<input checked="" type="checkbox"/>				
3. LEAKS							
		Any leaks from the process?	<input checked="" type="checkbox"/>				
		Are any valves leaking?	<input checked="" type="checkbox"/>				
4. SUPPORTS							
		Any shims off their supports?	<input checked="" type="checkbox"/>				
		Any hangers missing or damaged?	<input checked="" type="checkbox"/>				
		Any spring hangers bottomed-out?	<input checked="" type="checkbox"/>				
		Any problems with support braces?	<input checked="" type="checkbox"/>				
		Any loose or broken brackets?	<input checked="" type="checkbox"/>				
5. VIBRATION							
		Any pipe distortion observed?	<input checked="" type="checkbox"/>				
		Any evidence of excessive movement?	<input checked="" type="checkbox"/>				
6. INSULATION							
		Any physical damage or penetration?	<input checked="" type="checkbox"/>				
		Any bulging or wet insulation?	<input checked="" type="checkbox"/>				
		Any deterioration/damage of weather seals?	<input checked="" type="checkbox"/>				
		Any discoloration indicating leakage?	<input checked="" type="checkbox"/>				
		Any retainer bands missing/broken?	<input checked="" type="checkbox"/>				
		Any missing jackets, plugs, or insulation?	<input checked="" type="checkbox"/>				
7. CORROSION							
		Any corrosion at support points or fixtures?	<input checked="" type="checkbox"/>				
		Any coating or paint deterioration?	<input checked="" type="checkbox"/>				
		Any areas with scale, pits, or rust?	<input checked="" type="checkbox"/>				
		Any corrosion between flanges?	<input checked="" type="checkbox"/>				
		Any significant corrosion of flange bolter?	<input checked="" type="checkbox"/>				
Remark: N/A if there is not for that rotating machine							
Reported By		Reviewed By		Revision Date	31-Mar-20	Revision No	0
Form No.	FM-MT-0001						



1. IDENTIFICATION		Tag No.	AP-112 1-1	Area	AN	Date	9/5/24
MO No.		Overhang Centrifugal Pump	<input type="checkbox"/>	Between Bearing Centrifugal Pump	<input type="checkbox"/>	Vertical Centrifugal Pump	<input type="checkbox"/>
		Canister pump	<input type="checkbox"/>	Melting Pump	<input type="checkbox"/>	Agitator	<input type="checkbox"/>
		Diaphragm Pump	<input type="checkbox"/>	Blower	<input type="checkbox"/>		<input type="checkbox"/>
2. CONDITION							
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?							
		Oil ring for proper working?	<input checked="" type="checkbox"/>				
		Constant level oil for proper working?	<input checked="" type="checkbox"/>				
		Gland packing (for leakage)?	<input checked="" type="checkbox"/>				
		Condition of mechanical seal?	<input checked="" type="checkbox"/>				
		Cooling water flow?	<input checked="" type="checkbox"/>				
		Condition of coupling guard?	<input checked="" type="checkbox"/>				
		Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>				
		Electric motor load current (at discharge valve shut-off and open condition)?	<input checked="" type="checkbox"/>				
		Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	<input checked="" type="checkbox"/>				
		Greasing of bearing; if bearings are grease lubricated	<input checked="" type="checkbox"/>				
3. LEAKS							
		Any leaks from the process?	<input checked="" type="checkbox"/>				
		Are any valves leaking?	<input checked="" type="checkbox"/>				
4. SUPPORTS							
		Any shims off their supports?	<input checked="" type="checkbox"/>				
		Any hangers missing or damaged?	<input checked="" type="checkbox"/>				
		Any spring hangers bottomed-out?	<input checked="" type="checkbox"/>				
		Any problems with support braces?	<input checked="" type="checkbox"/>				
		Any loose or broken brackets?	<input checked="" type="checkbox"/>				
5. VIBRATION							
		Any pipe distortion observed?	<input checked="" type="checkbox"/>				
		Any evidence of excessive movement?	<input checked="" type="checkbox"/>				
6. INSULATION							
		Any physical damage or penetration?	<input checked="" type="checkbox"/>				
		Any bulging or wet insulation?	<input checked="" type="checkbox"/>				
		Any deterioration/damage of weather seals?	<input checked="" type="checkbox"/>				
		Any discoloration indicating leakage?	<input checked="" type="checkbox"/>				
		Any retainer bands missing/broken?	<input checked="" type="checkbox"/>				
		Any missing jackets, plugs, or insulation?	<input checked="" type="checkbox"/>				
7. CORROSION							
		Any corrosion at support points or fixtures?	<input checked="" type="checkbox"/>				
		Any coating or paint deterioration?	<input checked="" type="checkbox"/>				
		Any areas with scale, pits, or rust?	<input checked="" type="checkbox"/>				
		Any corrosion between flanges?	<input checked="" type="checkbox"/>				
		Any significant corrosion of flange bolter?	<input checked="" type="checkbox"/>				
Remark: N/A if there is not for that rotating machine							
Reported By		Reviewed By		Revision Date	31-Mar-20	Revision No	0
Form No.	FM-MT-0001						



1. IDENTIFICATION		Tag No:	MP 910A	Area:	MHA	Date:	14/3/24
MO No:	5900104373	Overhaul Centrifugal Pump	<input type="checkbox"/>	Between Bearing Centrifugal Pump	<input type="checkbox"/>	Vertical Centrifugal Pump	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Current pump	Mixing Pump	<input type="checkbox"/>	Blower	<input type="checkbox"/>	Agitator	<input type="checkbox"/>
<input type="checkbox"/>	Diaphragm Pump						

CONDITIONS	Yes	No	N/A	Location / Comment
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Oil ring for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Constant level oil for proper working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gland packing (for leakage)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Condition of mechanical seal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cooling water flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Condition of coupling guard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Condition of bearing by sound and temperature?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electric motor load current (at discharge valve shutoff and open condition)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Greasing of bearings: if bearings are grease lubricated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. LEAKAGE	Yes	No	N/A	Location / Comment
Any leaks from the process?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any leaks from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are any valves leaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. PIPE SUPPORT	Yes	No	N/A	Location / Comment
Any shoes of their supports?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any hangers missing or damaged?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any problems with support braces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any loose or broken brackets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. VIBRATION	Yes	No	N/A	Location / Comment
Any evidence of excessive movement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any pipe distortion observed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. INSULATION	Yes	No	N/A	Location / Comment
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any retarding bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. CORROSION	Yes	No	N/A	Location / Comment
Any corrosion at support points or flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any cooling or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine				

Reported By:	Reviewed By:
Form No. PH-MFT-0003	Revision Date: 31-Mar-20
	Revision No. 0



1. IDENTIFICATION		Tag No:	MP 910B	Area:	MHA	Date:	14/3/24
MO No:	5900104373	Overhaul Centrifugal Pump	<input type="checkbox"/>	Between Bearing Centrifugal Pump	<input type="checkbox"/>	Vertical Centrifugal Pump	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Current pump	Mixing Pump	<input type="checkbox"/>	Blower	<input type="checkbox"/>	Agitator	<input type="checkbox"/>
<input type="checkbox"/>	Diaphragm Pump						

CONDITIONS	Yes	No	N/A	Location / Comment
Oil in bearing housing for water contamination and sediment (replace oil if necessary)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Oil ring for proper working?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Constant level oil for proper working?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Gland packing (for leakage)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Condition of mechanical seal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cooling water flow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Condition of coupling guard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Condition of bearing by sound and temperature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Electric motor load current (at discharge valve shutoff and open condition)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Performance of all measuring instruments (pressure/temperature gauges and flow meters)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Greasing of bearings: if bearings are grease lubricated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. LEAKAGE	Yes	No	N/A	Location / Comment
Any leaks from the process?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any leaks from steam tracing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are any valves leaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. PIPE SUPPORT	Yes	No	N/A	Location / Comment
Any shoes of their supports?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any hangers missing or damaged?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any spring hangers bottomed-out?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any problems with support braces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any loose or broken brackets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. VIBRATION	Yes	No	N/A	Location / Comment
Any evidence of excessive movement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any pipe distortion observed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. INSULATION	Yes	No	N/A	Location / Comment
Any physical damage or penetration?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any deterioration/damage of weather seals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any bulging or wet insulation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any discoloration indicating leakage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any retarding bands missing/broken?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. CORROSION	Yes	No	N/A	Location / Comment
Any corrosion at support points or flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any cooling or paint deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any areas with scale, pits, or rust?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any corrosion between flanges?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Any significant corrosion of flange bolts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Remark: N/A if there is not for that rotating machine				

Reported By:	Reviewed By:
Form No. PH-MFT-0003	Revision Date: 31-Mar-20
	Revision No. 0