



INDIAN COAST GUARD

(DIRECTORATE OF FISHERIES AND ENVIRONMENT)

(MINISTRY OF DEFENCE)

CGBR - 776

MAINTENANCE SCHEDULE FOR POLLUTION RESPONSE EQUIPMENT

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CONTAINMENT EQUIPMENT

SCHEDULE NO. 1

EQUIPMENT :- VIKOMA HI – SPRINT BOOM POWER PACK

MAKE :- VIKOMA

TYPE :- SINGLE CYLINDER, AIR COOLED, FOUR STROKE, DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check lub oil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages and stop the same if founds	PRT/SS	
	W5	Turn power pack engine.	PRT/SS	
	W6	Clean the external surface with detergent water and degrease to be free from foreign deposits.	PRT/SS	
	W7	Clean hydraulic hoses and quick releasing coupling.	PRT/SS	
MONTHLY	M1	Carryout pre-checks for starting	PRT/SS	
	M2	Connect hydraulic hoses with boom reel. After starting operate the hydraulic motor to rotate the wheel for 10 minutes and check all parameters of engine	PRT/SS	
	M3	Lubricate all control levers and linkages	PRT/SS	
	M4	Check all electrical wiring and terminals for their proper tightens/safety	PRT/SS	
	M5	Observe for any abnormal vibration and noise if any rectify them	PRT/SS	
	M6	Check electrolyte level the battery and charge the battery. Apply petroleum jelly on the terminal. Start air inflation unit inflate boom chambers unto maximum pressure of 2 psi	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3 M1	3m1-carry out greasing of red core roller bearing.	PRT/SS	
	3 M2	Check the condition of lub oil for presence of any water etc	PRT/SS	
	3 M3	Check external nuts and bolts for tightness.	PRT/SS	
	3 M4	Top up fuel and lub oil.	PRT/SS	
	3 M5	Check the condition of pulleys, ensure they are free of grease and dirt.	PRT/SS	
	3 M6	Check axial fan belt tension and for any crack.	PRT/SS	
HALF YEARLY	6 M1	Clean air filters.	PRT/SS	
	6 M2	Change engine oil of air inflation unit.	PRT/SS	
	6 M3	Clean engine oil filter and fuel oil filter.	PRT/SS	
	6 M4	Change hydraulic oil if return filter element is contaminated.	PRT/SS	
	6 M5	6m6-ensure that all guards are firmly attached and not damaged.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY	Y1	Check and adjust valve clearances.	OEM	
	Y2	Check and adjust decompression setting.	OEM	
	Y3	Renew oil filter element.	OEM	
	Y4	Drain sump and refill with oil of the correct type and specification.	OEM	
	Y5	Clean fuel cap air vent.	OEM	
	Y6	Test and clean the fuel injector and fit a new washer.	OEM	
	Y7	Remove the hand start assembly, clean And inspect the oil seals and bearing.	OEM	
	Y8	Refit the assembly and lubricate.	OEM	
	Y9	Clean carbon deposit from exhaust System.	OEM	
	Y10	Clean carburetor of air inflation unit (petrol engine). Carry out load testing of lifting slings.	OEM	
2 YEARLY	2Y1	Renew air filter element.	OEM	
	2Y2	Drain fuel tank completely, flush and clean it.	OEM	
	2Y3	Renew flexible fuel hoses.	OEM	
5 YEARLY	5Y1	Carry out top overhauling of engine and record all findings.	OEM	
10 YEARLY	10 Y1	Carry out major overhauling of engine.	OEM	

SCHEDULE NO. 2

EQUIPMENT:- HI – SPRINT BOOM REEL AND ACCESSORIES

MAKE :- VIKOMA

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
MONTHLY	M1	Check that all associated equipment supplied lifting slings/straps, fixing down chains, wires, ropes etc. are in good condition.	PRT/SS	
	M2	Check general condition of Towing/ mooring bridles grease wherever necessary, replace if damaged.	PRT/SS	
	M3	Inflate buoys and leave it for eight hours, check if deflation has occurred, replace if damaged.	PRT/SS	
	M4	Clean external area of boom reel and hydraulic hoses with detergent solution. Check hydraulic hoses for crack or Damages.	PRT/SS	
	M5	Clean quick release coupling and check the o-rings are in place.	PRT/SS	
QUARTERLY	3M1	Carry out visual inspection of boom after laying out in straight run.	PRT/SS	
	3M2	Inflate whole length of boom via inflation cuff, ensure pressure does not exceed 2 psi.	PRT/SS	
	3M3	Check air valves for leaks and tightness of caps.	PRT/SS	
	3M4	Check connector plates have no sharp edges.	PRT/SS	
	3M5	Ensure nylon thumbscrews are greased and able to turn. If not, replace screw.	PRT/SS	
YEARLY	Y1	Change oil of rr750 planetary gearbox	OEM	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
2 YEARLY	2Y1	Carry out pressure test of hydraulic Hoses for 1.5 times of working pressure, If any leakage found replace the hose.	OEM	
5 YEARLY	5Y1	Replace all hydraulic hoses		

SCHEDULE NO. 3

EQUIPMENT :- RIVER BOOM AIR BLOWER

MAKE :- TWO STROKE PETROL DRIVEN ILO BLOWER

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check lub oil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages of all systems and stop the same if found	PRT/SS	
	W5	Ensure free passage of air to blower suction	PRT/SS	
	W6	Clean external parts	PRT/SS	
MONTHLY	M1	Start engine and run blower on idle	PRT/S	
	M2	Check for abnormal noise /vibration	PRT/S	
HALFYEARLY	M3	Lubricate all external moving parts	PRT/S	
	6M1	Check coupling of air hose	PRT/SS	
	6M2	Open and spark plug	PRT/SS	
	6M3	Clean air filter of engine	PRT/SS	
YEARLY	Y1	Decarbonise exhaust part	OEM	
	Y2	Remove carburetor and clean	OEM	
	Y3	Replace hose coupling of blower	OEM	
	Y4	Overhaul carburetor	OEM	
	Y5	Check all mountings and foundation both	OEM	
2 YEARLY	2Y1	Overhaul complete engine	OEM	
	2Y2	Open dismantle and inspect blower for casing wear, corrosion. Replace all defective parts	OEM	
	2Y3	Change blower hose	OEM	

SCHEDULE NO.4

EQUIPMENT :- RO BOOM OSA 2000 POWER PACK(OLD)

MAKE :- RO CLEAN INTERNATIONAL

TYPE :- SINGLE CYLINDER, AIR COOLED, DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check lub oil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages of all systems and stop the same if found	PRT/SS	
	W5	Turn power pack engine.	PRT/SS	
	W6	Clean the external surface with detergent water and degrease to be free from foreign deposits.	PRT/SS	
	W7	Clean hydraulic hoses and quick releasing coupling.	PRT/SS	
MONTHLY	M1	Carryout pre-checks for starting. Connect hydraulic hoses with boom reel. After starting operate the hydraulic motor to rotate the wheel for 10 minutes and check all parameters of engine.	PRT/SS	
	M2	Lubricate all control levers and linkages.	PRT/SS	
	M3	Check all electrical wiring and terminals for their proper tightness/safety.	PRT/SS	
	M4	Observe for any abnormal vibration and noise. If any rectify them.	PRT/SS	
	M5	Start air inflation unit inflate boom chambers upto maximum pressure of 2 psi.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Carry out greasing of red core roller bearing.	PRT/SS	
	3M2	Check the condition of lub oil for presence of any water etc.	PRT/SS	
	3M3	Check external nuts and bolts for tightness.	PRT/SS	
	3M4	Top up fuel and lub oil.	PRT/SS	
	3M5	Check the condition of pulleys, Ensure they are free of grease and dirt.	PRT/SS	
	3M6	Check axial fan belt tension and for any crack.	PRT/SS	

SCHEDULE NO.5

EQUIPMENT :- BOOM OSA 2000 POWER PACK (NEW)

MAKE :- RO CLEAN INTERNATIONAL

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check lub oil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages of all systems and stop the same if found	PRT/SS	
	W5	Turn power pack engine.	PRT/SS	
	W6	Clean the external surface with detergent water and degrease to be free from foreign deposits.	PRT/SS	
	W7	Clean hydraulic hoses and quick releasing coupling.	PRT/SS	
MONTHLY	M1	Carryout pre-checks for starting. Connect hydraulic hoses with boom reel. After starting operate the hydraulic motor to rotate the wheel for 10 minutes and check all parameters of Engine.	PRT/SS	
	M2	Lubricate all control levers and linkages.	PRT/SS	
	M3	Check all electrical wiring and terminals for their proper tightness/safety.	PRT/SS	
	M4	Observe for any abnormal vibration and noise. If any rectify them.	PRT/SS	
	M5	Start air inflation unit inflate boom chambers upto maximum pressure of 2 psi	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Carryout pre-checks for starting. Connect hydraulic hoses with boom reel. After starting operate the hydraulic motor to rotate the wheel for 10 minutes and check all parameters of engine.	PRT/SS	
	3M2	Lubricate all control levers and linkages.	PRT/SS	
	3M3	Check all electrical wiring and terminals for their proper tightness/safety.	PRT/SS	
	3M4	Observe for any abnormal vibration and noise. If any rectify them.	PRT/SS	
	3M5	Start air inflation unit inflate boom chambers unto maximum pressure of 2 psi.	PRT/SS	
	3M6	Check axial fan belt tension and for any crack.	PRT/SS	
HALF YEARLY	6M1	Clean air filter.	PRT/SS	
	6M2	Change engine oil of air inflation unit.	PRT/SS	
	6M3	Clean engine oil filter and fuel oil filter.	PRT/SS	
	6M4	Change hydraulic oil if return filter element is contaminated.	PRT/SS	
	6M5	Ensure that all guards are firmly attached and not damaged. Check and adjust valve clearances.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY	Y1	Check and adjust valve clearances.	OEM	
	Y2	Check and adjust decompression setting.	OEM	
	Y3	Renew oil filter element.	OEM	
	Y4	Drain sump and refill with oil of the correct type and specification.	OEM	
	Y5	Clean fuel cap air vent.	OEM	
	Y6	Test and clean the fuel injector and fit a new washer.	OEM	
	Y7	Remove the hand start assembly, clean and inspect the oil seals and bearing.	OEM	
	Y8	Refit the assembly and lubricate.	OEM	
	Y9	Clean carbon deposit from exhaust system. Carry out load testing of lifting slings.	OEM	
2 YEARLY	2Y1	Renew air filter element.	OEM	
	2Y2	Drain fuel tank completely, flush and clean it.	OEM	
	2Y3	Renew flexible fuel hoses	OEM	
5 YEARLY	5Y1	Carried out top overhaul of engine	OEM	

SCHEDULE NO.6

EQUIPMENT :- SENTINAL BOOM DECK REEL

MAKE :- VIKOMA

TYPE :-

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Clean the equipment fresh water with detergent.	PRT/SS	AS OPERATORS MANUAL
	W2	Ensure quick realize coupling cleanliness.	PRT/SS	
MONTHLY	M1	Rotate deck reel by power pack with both direction.	PRT/SS	
	M2	Rectify if any abnormality observe.	PRT/SS	
HALFYEARLY	6M1	Clean chain and sprocket with diesel and apply thin layer of lub oil.	PRT/SS	
	6M2	Check tightness of chain.	PRT/SS	
YEARLY	Y1	Remove hydraulic motor and inspect status of bearing	OEM	
	Y2	Check condition of all fasteners and supporting bracket.	OEM	
2 YEARLY	2Y1	Overhaul hydraulic motor.	OEM	
	2Y2	Paint deck reel according to paint scheme.	OEM	
	2Y3	Replace all quick realise couplings.	OEM	

SCHEDULE NO.7

BOOM WAHSING CHAMBER AND ACCESSORIES

EQUIPMENT :- FRESH WATER CHEMICAL PUMP

MAKE :- KIRLOSKAR

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Check the fuel level in tank	SS	
	W2	Check lub oil level in sump	SS	
	W3	Check the freeness of engine	SS	
	W4	Check the leakages and stop the same if founds	SS	
	W5	Check freeness of engine.	SS	
	W6	Clean external parts of the pump.	SS	
	W7	Check fuel level in the tank.	SS	
MONTHLY	M1	Carryout pre-checks for starting.	SS	
	M2	Lubricate all nuts and bolts.	SS	
	M3	Observe any abnormality noise and vibration than rectify if any.	SS	
QUARTERLY	3M1	Clean the fuel filter.	SS	
	3M2	Check the condition of lub oil	SS	
	3M3	Fill up all grease cups.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
HALFYEARLY	6M1	Clean air filter.	SS	
	6M2	Check suction side of pump.	SS	
	6M3	Check fuel injection system.	SS	
	6M4	Change hydraulic oil if return filter Element is contaminated.	SS	
	6M5	Ensure that all guards are firmly attached and not damaged	SS	
YEARLY	Y1	Check decompression valve.	DOCKYARD	
	Y2	Dismantle pump casing and inspect for any wear down	DOCKYARD	
2 YEARLY	2Y1	Overhaul engine.	DOCKYARD	
	2Y2	Overhaul pump.	DOCKYARD	

EQUIPMENT :- BOOM WASHING CHAMBER

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Clean the container externally/ internally with freshwater and detergent	SS	
MONTHLY	M1	Fill grease cup with grease	SS	
	M2	Check quick release coupling and nozzles	SS	
	M3	Inspect pump suction/discharge connectors	SS	
	M4	Inspect condition of cleaning brush bristles	SS	
	M5	Inspect the free movement of rollers	SS	
6 MONTHLY	6M1	Inspect the container body internally and externally for corrosion, if required repaint	SS	

EQUIPMENT :- BOOM WASHING CHAMBER POWER PACK**MAKE :- KIRLOSKAR**

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Check the fuel oil level in the tank	SS	
	W2	Check the lub-oil level in the sump	SS	
	W3	Check the freeness of the engine	SS	
	W4	Check the leakage and stop if found	SS	
	W5	Clean external parts of the engine	SS	
	W6	Clean hydraulic hoses and quick release couplings	SS	
MONTHLY	M1	Carryout all pre-checks for starting	SS	
	M2	Connect hydraulic hoses with boom reel operate hydraulic system and check all parameters observe any abnormal leak-ages/vibration/noise, if any rectify them	SS	
	M3	Check the fan belt. Lubricate all linkages	SS	
QUARTERLY	3M1	Clear air filter element	SS	
	3M2	Check conditions of all belts & pulleys	SS	
	3M3	Check all external fasteners for tightness	SS	
	3M4	Check the condition of hydraulic oil, lub-oil, fuel for the presence of water and, sediments, if any take corrective actions.	SS	
	3M5	Fill up all grease cups	SS	
6 MONTHLY	6M1	Carryout through checks on hydraulic pipelines and hydraulic control systems if loose secure them properly	SS	
	6M2	Retighten belts at oil pan intake & exhaust manifold fasteners and engine mountings	SS	
	6M3	Remove loose paints if any on the engine and accessories and repaint as necessary.	SS	
	6M4	Ensure all guards are firmly attached and not damaged.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY	Y1	Drain and clean fuel tank	SS	
	Y2	Clean fuel, oil and hydraulic oil filters	SS	
	Y3	Check valve tappet clearance and readjust	DOCKYARD	
	Y4	Clear carbon deposit from exhaust system	DOCKYARD	
	Y5	Check decompression valve	SS	
2 YEARLY	2Y1	Carryout pressure testing of hydraulic hoses at 1.5 times of working pressure, if any leakage fund replace hoses	DOCKYARD	
	2Y2	Change sump oil, lub oil	SS	
	2Y3	Change oil, luboil, hydraulic oil filters	SS	
	2Y4	Carry out load testing of lifting slings	DOCKYARD	
	2Y5	Calibration of injector nozzle	DOCKYARD	
8 YEARLY	8Y1	Renew all hydraulic hoses	DOCKYARD	
	8Y2	Carryout top overall of engine	DOCKYARD	
	8Y3	Carry out in-frame inspection of hydraulic pump and component	DOCKYARD	
	8Y4	Renew valve springs	DOCKYARD	
	8Y5	Check big end bearing and cam shaft bearing	DOCKYARD	

SCHEDULE NO.8

EQUIPMENT :- HONDA AIR BLOWER FOR HI- SPRINT BOOM

MAKE :- VIKOMA

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Check the fuel level in tank	SS	
	W2	Check lub oil level in sump	SS	
	W3	Check the freeness of engine	SS	
	W4	Check the leakages of all systems and stop the same if found	SS	
	W5	Check fuel level.	SS	
	W6	Ensure free passage of air for suction side.	SS	
	W7	Clean external parts of blower.	SS	
MONTHLY	M1	Start blower and run on ideal speed of blower.	SS	
	M1	Check for abnormal noise and vibration.	SS	
	M1	Lubricate all external moving parts.	SS	
QUARTERLY	3M1	Clean the fuel filter.	SS	
	3M1	Check the condition of lub oil	SS	
	3M1	Fill up all grease cups	SS	
HALFYEARLY	6M1	Checks coupling of air hose.	SS	
	6M2	Clean air filter of engine.	SS	
YEARLY	Y1	Clean exhaust line.	DOCKYARD	
	Y2	Remove all mounting and foundation bolts.	DOCKYARD	
	Y3	Remove lubricating oil.	DOCKYARD	
2 YEARLY	2Y1	2y1-Overhaul complete engine.	DOCKYARD	
	2Y2	2y2-Change blower hose	DOCKYARD	

SCHEDULE NO. 9

EQUIP MENT :- RO BOOM OSA 2000 REEL AND ACCESSORIES

MAKE :- RO CLEAN INTERNATIONAL

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank.	PRT/SS	AS OPERATORS MANUAL
	W2	Check lub oil level in sump.	PRT/SS	
	W3	Check the freeness of engine.	PRT/SS	
	W4	Check the leakages and stop the same if founds	PRT/SS	
MONTHLY	MI	Check that all associated equipment supplied lifting slings/straps, fixing down chairs, wires, ropes etc. are in good condition.	PRT/SS	
	M2	Check general condition of towing/ mooring bridles grease wherever necessary, replace if damaged.	PRT/SS	
	M3	Inflate buoys and leave it for eight hours, check if deflation has occurred, replace if damaged.	PRT/SS	
	M4	Clean external area of boom reel and hydraulic hoses with detergent solution check hydraulic hoses for crack or damages.	PRT/SS	
	M5	Clean quick release coupling and check the O-rings are in place.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Carry out visual inspection of boom after laying out in straight run.	PRT/SS	
	3M2	Inflate whole length of boom via inflation cuff, ensure pressure does not exceed 2 psi.	PRT/SS	
	3M3	Check air valves for leaks and security.	PRT/SS	
	3M4	Check connector plates have no sharp edges.	PRT/SS	
	3M5	Ensure nylon thumbscrews are greased and able to turn. If not, replace screw.	PRT/SS	
HALFYEARLY	6M1			
	6M2			
YEARLY	Y1	Change oil of rr750 planetary gearbox	PRT/SS	
2 YEARLY	2Y1	Carry out pressure test of hydraulic hoses for 1.5 times of working pressure, if any leakage found replace the hose.	PRT/SS	
	2Y2	Replace all hydraulic hoses.	PRT/SS	

SCHEDULE NO. 10

EQUIPMENT :- OSA 2000 BOOM POWER PACK (NEW)

MAKE :- RO INTERNATIONAL

MODEL :- SINGLE CYLINDER AIR COOLER DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check fuel level and re fill	PRT/SS	
	W2	Check lub-oil level in oil pan and refill	PRT/SS	
	W3	Check spark arrester for clogging	PRT/SS	
	W4	Check battery liquid level and refill	PRT/SS	
	W5	Crank the engine of power pack and boom reel.	PRT/SS	
	W6	Clean the external surface with detergent water and degrease to be free from foreign deposits.	PRT/SS	
	W7	Clean hydraulic hoses and quick release couplings.	PRT/SS	
	W8	Check fuel and lub oil level top up if required.	PRT/SS	
	W9	Check fuel level and refill	PRT/SS	
	W10	Check lub-oil level in oil pan & refill	PRT/SS	
	W11	Check spark arrester for clogging	PRT/SS	
	W12	Check battery liquid level and refill	PRT/SS	
MONTHLY	BM1	Check the operation of power pack by operating boom.	PRT/SS	
	BM2	Check for any vibration and abnormal noise if any rectify them.	PRT/SS	
	BM3	Lubricate all linkages and control levers.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY 50 HOURS	3M1	Check the condition of lube oil for presence of any water etc. If any take corrective action.	PRT/SS	
	3M2	Check axial fan belt tension and for any crack.	PRT/SS	
	3M3	Check tension and condition of 'V' belt pulley.	PRT/SS	
	3M4	Clean air filter	PRT/SS	
	3M5	Layout complete boom and clean with light pressure jet fresh water, inspects ballast	PRT/SS	
	3M6	Chain filling valves and boom chamber for crack / abvassious / failure of rubber material.	PRT/SS	
	3M7	Clean chain and sprocket wheel then grease them completely. Bearing of winder frame should be greased.	PRT/SS	
HALFYEARLY	6M1	Clean engine oil and fuel filter element.100 hrs	PRT/SS	
	6M2	Change hydraulic oil if return filter element is contaminated.	PRT/SS	
	6M3	Ensure all are firmly attached and not damaged.	PRT/SS	
	6M4	Apply oil on the ballasting chain and preserve them.	PRT/SS	
	6M5	Grease all shackle through.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY 200 HRS	Y1	Check and adjust valve clearance	OEM	
	Y2	Check and adjust de-compressor settings	OEM	
	Y3	Renew oil filter and fuel filter element	OEM	
	Y4	Drain sump and add fresh oil	OEM	
	Y5	Clean and test injector nozzles.	OEM	
	Y6	Clean exhaust and inlet pipes internally	OEM	
	Y7	Inflate all boom chambers and inspects for valve leak, reduction in air pressure crack/ failure of boom material carry out repairs it required.	OEM	
	Y8	Clean fuel tank.	OEM	
2 YEARLY	2Y1	Replace air filter element	OEM	
	2Y2	Renew flexible fuel hoses.	OEM	
	2Y3	Carry out pressure test of hydraulic hoses at 1.5 times of working pressure, replace defective hoses.	OEM	
	2Y4	Carryout load test of lifting slings.	OEM	
4 YEARLY	4Y1	Carry out top overhaul of engine and record all findings.	OEM	
	4Y2	Clean hydraulic tank and hydraulic pipes.	OEM	
8 YEARLY	8Y1	Carry out major overhaul of engine	OEM	
	8Y2	Replace all hydraulic hoses.	OEM	
	8Y3	Dismantle hydraulic pump, hydraulic motor and	OEM	
	8Y4	Carryout through inspection for wear down of bearings, sets replace parts as necessary.overhaul pry's and flow control valves.	OEM	

RECOVERY EQUIPMENT

SCHEDULE NO. 1

EQUIPMENT :-DESMI 250 SKIMMER SYSTEM

MAKE :- VIKOMA

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	C1	Clean the skimmer by fresh water with detergent.	PRT/SS	
	C2	Start the skimmer in fresh water with detergent.	PRT/SS	
	C3	Grease the plate wheel bearing.	PRT/SS	
	C4	Check float-locking pin.	PRT/SS	
WEEKLY	W1	Clean and lubricate all quick release couplings using anti corrosion oil and fit the protection plugs on all couplings.	PRT/SS	
	W2	Grease spares and locking rings which hold the three floats fixed to the connecting pipes.	PRT/SS	
	W3	Clean complete skimmer with detergent water.	PRT/SS	
	W4	Inspect all hydraulic and air hoses carefully for any crack or damage and replace if necessary.	PRT/SS	
MONTHLY	M1	Grease plate wheel using the grease nipple on the plate wheel shaft.	PRT/SS	
	M2	Check the hydraulic quick release coupling connections for leaks, tighten if necessary.	PRT/SS	
	M3	Reverse and restart the pump at 1000 rpm using hydraulic power pack.	PRT/SS	
	M4	Check the condition of the stator cutting knives.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Clean the pump outside and inside using a solvent. Flush the pump with fresh water letting the screw run slowly using of the hydraulic system.	PRT/SS	
	3M2	Reverse and restart the pump at low rpm and slowly pour 1 to 2 liters of lub oil or corrosion protection oil into the inlet to preserve the inner parts of the pump. Let the pump run with the oil for 2 minutes.	PRT/SS	
	3M3	Grease the plate wheel.	PRT/SS	
YEARLY	Y1	Remove the plate wheel cover. Check the plate wheel and disc sections for wear or damages. Replace if necessary.	OEM	
	Y2	Measure the clearance between stator and rotor knives (max : 0.5 mm) using feeler gauge at inner, control and outer engagement. Adjust the stator knives if necessary.	OEM	
	Y3	Carryout load testing of lifting slings.	OEM	
	Y4	Clean inlet strainer.	OEM	
2 YEARLY	2Y1	Pressure test hydraulic hoses for maximum working pressure. If any oil leakage replace the hoses.	OEM	
5 YEARLY	5Y1	Dismantle discharge branch and split casing and pull off 'V' sealing ring.	OEM	
	5Y2	Dismantle hydraulic motor.	OEM	
	5Y3	Overhaul complete unit.	OEM	
	5Y4	Inspect and if necessary replace the roller bearings.	OEM	
	5Y5	Inspect shaft for damages in the sealing area. Repair if necessary / possible or replace the shaft.	OEM	
	5Y6	Replace all hydraulic and air hoses.	OEM	

SCHEDULE NO. 2

EQUIPMENT :- DESMI 250 POWER PACK

MAKE :- DESMI VIKOMA

TYPE :- THREE CYLINDER, AIR COOLED, FOUR STROKE DIESEL ENGINE.

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check lub oil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages of all systems and stop the same if found	PRT/SS	
	W5	Turn the engine manually.	PRT/SS	
	W6	Clean all external parts of the power pack with detergent and wipe it dry with a soft cloth.	PRT/SS	
	W7	Remove the doors and covers, clean the diesel engine, the hydraulic pump valves & instrument with diesel oil or detergent.	PRT/SS	
	W8	Clean and protect all quick release couplings by use of anti corrosion oil, fit the protective plugs. Clean all hydraulic hoses thoroughly and dry up.	PRT/SS	
MONTHLY	M1	Grease plate wheel using the grease nipple on the plate wheel shaft.	PRT/SS	
	M2	Check the hydraulic connections for leaks, tighten if necessary.	PRT/SS	
	M3	Reverse and restart the pump at 1000 rpm using hydraulic power pack.	PRT/SS	
	M4	Check the condition of the stator cutting knives.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Clean the pump outside and inside using a solvent consistent with the medium pumped. Flush the pump with fresh water letting the screw run slowly using of the hydraulic system.	PRT/SS	
	3M2	Reverse and restart the pump at low rpm and slowly pour 1 to 2 litres of lube oil or corrosion protection oil into the inlet to preserve the inner parts of the pump. Let the pump work with the oil for 2 minutes.	PRT/SS	
	3M3	Grease the plate wheel.	PRT/SS	
HALF YEARLY	6M1			
	6M2			
YEARLY	Y1	Remove the plate wheel cover. Check the plate wheel and disc sections for wear or damage. Replace if necessary.	OEM	
	Y2	Measure the clearance between stator and rotor knives (max : 0.5 mm) using Feeder gauge at inner, control and outer Engagement. Adjust the stator knives if necessary.	OEM	
	Y3	Carryout load testing of lifting slings.	OEM	
	Y4	Clean inlet strainer.	OEM	
TWO YEARLY	2Y1	Pressure test hydraulic hoses for maximum working pressure. If any oil leakage replace the hoses.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
5 YEARLY	5Y1	Dismantle discharge branch and split casing and pull off 'V' sealing ring.	OEM	
	5Y2	Dismantle hydraulic motor.	OEM	
	5Y3	Overhaul complete unit.	OEM	
	5Y4	Inspect and if necessary replace the roller bearings.	OEM	
	5Y5	Inspect shaft for damages in the sealing Area. Repair if necessary / possible or Replace the shaft.	OEM	
	5Y6	Replace all hydraulic and air hoses.	OEM	

SCHEDULE NO. 3

EQUIPMENT :- DESMI 210 SKIMMER SYSTEM

MAKE :- VIKOMA

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	D1	Clean the skimmer by fresh water with detergent.	PRT/SS	AS OPERATORS MANUAL
	D2	Start the skimmer in fresh water with detergent.	PRT/SS	
	D3	Grease the plate wheel bearing.	PRT/SS	
	D4	Check float locking pin.	PRT/SS	
WEEKLY	W1	Clean and lubricate all quick couplings using anti corrosion oil and fit the protection plugs on all couplings.	PRT/SS	
	W2	Grease spares and locking rings which hold the three floats fixed to connecting pipes.	PRT/SS	
	W3	Clean complete skimmer with detergent water.	PRT/SS	
	W4	Inspect all hydraulic and air hoses carefully for any crack or damage and replace it necessary.	PRT/SS	
MONTHLY	M1	Grease plate wheel using the grease nipple on the plate wheel shaft.	PRT/SS	
	M2	Check the hydraulic connections for leaks, tighten if necessary.	PRT/SS	
	M3	Reverse and restart the pump at 1000 rpm using hydraulic power pack.	PRT/SS	
	M4	Check the condition of the stator cutting knives.	PRT/SS	
	M5	Inspect the pump casing and screw for possible excessive wear or damage.	PRT/SS	
	M6	Check the 'O' rings of all hydraulic hoses and mount new if necessary.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Clean the pump outside and inside using a solvent consistent with the medium pumped.	PRT/SS	
	3M2	Flush the pump with fresh water letting the screw run slowly using of the hydraulic system.	PRT/SS	
	3M3	Reverse and restart the pump at low rpm and slowly pour 1 to 2 limits of lub oil or corrosion protection oil into the inlet to preserve the inner parts of the pump.	PRT/SS	
	3M4	Let the Pump work with the oil for 2 min.	PRT/SS	
	3M5	Grease the plate wheel.	PRT/SS	
YEARLY	Y1	Remove the plate wheel cover. Check the plate wheel and disc sections for wear or damage. Replace if necessary.	OEM	
	Y2	Measure the clearance between stator and rotor knives(max : 0.5 mm) using feeder gauge at inner, control and outer engagement. Adjust the stator knives if necessary.	OEM	
	Y3	Carryout load testing of lifting slings.	OEM	
	Y4	Clean inlet strainer.	OEM	
2 YEARLY	2Y1	Pressure test hydraulic hoses for maximum working pressure. If any oil leakage replace the hoses.	OEM	
5 YEARLY	5Y1	Dismantle discharge branch and split casing and pull off 'V' sealing ring.	OEM	
	5Y2	Dismantle hydraulic motor.	OEM	
	5Y3	Overhaul complete unit.	OEM	
	5Y4	Inspect and if necessary replace the roller bearings.	OEM	
	5Y5	Inspect shaft for damages in the sealing area. Repair if necessary / possible or replace the shaft.	OEM	
	5Y6	Replace all hydraulic and air hoses.	OEM	

SCHEDULE NO.4

EQUIPMENT :- DESMI POWER PACK TYPE 210

MAKE :- VIKOMA

TYPE :- THREE CYLINDER, AIR COOLED, DIESEL ENGINE.

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check lub oil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages of all systems and stop the same if found	PRT/SS	
	W5	Turn the engine manually.	PRT/SS	
	W6	Clean all external parts of the power pack with detergent and wipe it dry with a soft cloth. Remove the doors and covers, clean the diesel engine, the hydraulic pump valves and instrument with diesel oil or detergent.	PRT/SS	
	W7	Clean and protect all quick couplings by use of anti-corrosion oil, fit the protective plugs. Clean all hoses thoroughly by use of detergent.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
MONTHLY	M1	Check hydraulic oil level and also for presence of water which is revealed by different color. Such cases remove all hydraulic oil and fresh oil.	PRT/SS	
	M2	Check fuel oil in the tank and top up if required.	PRT/SS	
	M3	Lubricate engine control throttle cable.	PRT/SS	
	M4	Lubricate all control levers and hinges with lithium grease.	PRT/SS	
	M5	Tighten all hydraulic connections, couplings and fasteners.	PRT/SS	
	M6	Start the engine after carrying out pre-checks and run it idle for 05 minutes.	PRT/SS	
	M7	Check all parameters noise and vibration. If abnormal find out cause and rectify the defect.	PRT/SS	
	M8	Check engine operation at different rpm connecting skimmer with hydraulic system.		
QUARTERLY	3M1	Lubricate all control levers, linkages and decompression levers.	PRT/SS	
	3M2	Clean cooling fins at individual cylinders carefully with detergent solution and remove all foreign deposits.	PRT/SS	
	3M3	Inspect couplings of hydraulic motor externally.	PRT/SS	
	3M4	Drain condensate from air bottle.	PRT/SS	
HALF YEARLY	6M1	Clean air cleaner if under moderately dusting condition.	PRT/SS	
	6M2	Check for fuel and lubricating oil leaks tighten nuts and fittings as necessary.	PRT/SS	
	6M3	Check belt tension cooling from and compressor.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY	Y1	Clean fuel and lub oil filter element, renew if necessary and adjust if necessary.	OEM	
	Y2	Check valve clearness and check for the free movement of push rods, and valve gears by rotating the engine.	OEM	
	Y3	If presence of water is noticed in hydraulic tank, remove all hydraulic and add fresh oil.	OEM	
2 YEARLY	2Y1	Renew fuel and lub oil filter element.	OEM	
	2Y2	Drain complete lub oil from the sump. Flush out the system.	OEM	
	2Y3	Remove injector, clean and pressure Test nozzles.	OEM	
	2Y4	Change hydraulic oil of the tank.	OEM	
	2Y5	Dismantle inlet and exhaust manifold. Clean foreign deposits and carbon. Refit manifolds	OEM	
5 YEARLY	5Y1	Carry out top over haul of engine.	OEM	
	5Y2	Renew all flexible fuel pipes	OEM	

SCHEDULE NO. 5

EQUIPMENT :- SS 50 SKIMMER

MAKE :- VIKOMA

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	A1	Lean the skimmer by fresh water with detergent.	PRT/SS	AS OPERATORS MANUAL
	A2	Start the skimmer in fresh water with detergent.	PRT/SS	
	A3	Grease the plate wheel bearing.	PRT/SS	
	A4	Check float-locking pin.	PRT/SS	
WEEKLY	W1	Lubricate the float bearing pins with a small quantity of ener grease or other moisture absorbent grease.	PRT/SS	
	W2	Check disk for any damages.	PRT/SS	
	W3	Clean the external surface with detergent solution.	PRT/SS	
	W4	Clean quick release coupling apply lubricants and protect with covers.	PRT/SS	
MONTHLY	M1	Start up skimmer motors after establishing hydraulic supply from the power pack and make sure that hydraulic couplings are properly connected up	PRT/SS	
	M2	Fill water in suction chamber of delivery pump.	PRT/SS	
	M3	Check the function of the float and operation of delivery pump.	PRT/SS	
	M4	Clean hydraulic hoses externally with detergent solutions	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Wash down the skimmer unit with a high-pressure hose remove the combined covers and scraper banks to ascertaining.	PRT/SS	
	3M2	Grease the top pump bearing through Grease nipple in the top flange.	PRT/SS	
	3M3	Lubricate the float bearings pins with a small quantity of grease or moisture absorbent grease.	PRT/SS	
	3M4	Check disk for damage do not use detergent or surfactants on disk as this will effect future recovery rate.	PRT/SS	
YEARLY	Y1	Inspect delivery pump operation in warming condition for cleaning any leakage of hydraulic oil.	OEM	
2 YEARLY	2Y1	Carry out pressure testing of hydraulic hoses at 1.5 times of working pressure	OEM	
	2Y2	If any leakages found, replace hoses. Carry out load testing of lifting slings	OEM	
8 YEARLY	8Y1	Replace all hydraulic hoses	OEM	
	8Y2	Carry out in frame inspection and overhauling and renew parts as necessary.	OEM	

SCHEDULE NO.6

EQUIPMENT :- SEA SKIMMER SS 50 POWER PACK

MAKE :- VIKOMA

TYPE :- THREE CYLINDER, AIR COOLED,DIESEL ENGINE.

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check luboil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages of all systems and stop the same if found	PRT/SS	
	W5	W1- crank the engine	PRT/SS	
	W6	Clear external surface with detergent water and degrease to be free from foreign deposits.	PRT/SS	
	W7	Clean hydraulic hoses and quick release coupling .	PRT/SS	
MONTHLY	M1	Carry out prechecks for starting; connect hydraulic hoses with sea skimmer. Operate hydraulic system and Check all parameters.	PRT/SS	
	M2	Observe for any abnormal leakages, Vibration and noise. If any rectify them.	PRT/SS	
	M3	Check electrolyte level in the battery.	PRT/SS	
	M4	Change the battery. Grease the terminal.	PRT/SS	
	M5	Check fan belt. Lubricate all linkages.	PRT/SS	
QUARTERLY	3M1	Clear air filter element	PRT/SS	
	3M2	Check conditions of all belts and pulleys.	PRT/SS	
	3M3	Check all external fasteners for tightness.	PRT/SS	
	3M4	Check the condition of lub oil, fuel, for the presence of water and sediments. If any take corrective action	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
HALF YEARLY	6M1	Check for the function of control system i.e. low hydraulic oil level, low Lub oil pressure.	PRT/SS	
	6M2	Carry out through checks on hydraulic pipe lines for any leakage and control system wirings/terminal for loose and secure them properly.	PRT/SS	
	6M3	Clean cylinder and cylinder head tinning.	PRT/SS	
	6M4	Clean tins on oil cooler.	PRT/SS	
	6M5	Retighten bolts at oil pan, intake and exhaust manifold fastenings and engine suspension.		
	6M6	Remove loose paints if any on the engine and accessories and repaint as necessary	PRT/SS	
YEARLY	Y1	Drain and clean fuel tank.	OEM	
	Y2	Clean fuel, lub oil and hydraulic oil filters	OEM	
	Y3	Check valve tappet clearance and re-adjust.	OEM	
	Y4	Clear carbon deposit from exhaust system	OEM	
	Y5	Carry out capacity test of batteries. If required recondition the batteries.	OEM	
2 YEARLY	2Y1	Carry out pressure testing of hydraulic hoses at 1.5 times of working pressure if any leakages found, replace hoses.	OEM	
	2Y2	Change sump lub oil and hydraulic oil	OEM	
	2Y3	Change fuel lub oil and hydraulic oil filter element.	OEM	
	2Y4	Carry out load testing of lifting sling	OEM	
	2Y5	Clean and test injector nozzles for pressure settings.	OEM	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
8 YEARLY	8Y1	Renew all hydraulic hoses	OEM	
	8Y2	Carry out top over hauling of engine	OEM	
	8Y3	Carry out in frame inspection of hydraulic pump and components.	OEM	
	8Y4	Renew valve springs.	OEM	
	8Y5	Check big and bearings and cam shaft bearings	OEM	

SCHEDULE NO.7

EQUIPMENT :- SEA DEVIL HEAVY OIL SKIMMER

MAKE :- VIKOMA

TYPE :- THREE CYLINDER, AIR COOLED, DIESEL ENGINE.

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	A1	Lean the skimmer by fresh water with detergent.	PRT/SS	AS OPERATORS MANUAL
	A2	Start the skimmer in fresh water with detergent.	PRT/SS	
	A3	Grease the plate wheel bearing.	PRT/SS	
	A4	Check float-locking pin.	PRT/SS	
QUARTERLY	3M1	Grease pump bearings.	PRT/SS	
	3M2	Inspect shaft seals for any leakage.	PRT/SS	
	3M3	Retighten all fasteners for the tightness	PRT/SS	
2 YEARLY	2Y1	Carry out pressure testing of hydraulic hoses at 1.5 times of working pressure If any leakages found, replace hoses.	OEM	
	2Y2	Carry out load testing of lifting slings	OEM	

SCHEDULE NO.8

EQUIPMENT :- POWER PAK FOR SEA DEVIL SKIMMER

MAKE :-

MODEL :-

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	PRT/SS	
	W2	Check lub oil level in sump	PRT/SS	
	W3	Check the freeness of engine	PRT/SS	
	W4	Check the leakages of all systems and stop the same if found	PRT/SS	
	W5	Crank the engine	PRT/SS	
	W6	Clear external surface with detergent water and degrease to be free from foreign deposits.	PRT/SS	
	W7	Clean hydraulic hoses and quick release coupling internally and check 'O' rings are intact. Apply thin film of lub oil.	PRT/SS	
	W8	Check lub oil and fuel oil level. Top up if necessary.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
MONTHLY	M1	Carry out rechecks for starting, connect Hydraulic hoses with sea skimmer.	PRT/SS	
	M2	Operate hydraulic system and check all parameters.	PRT/SS	
	M3	Check all the hoses and couplings for the leakages, wear and looseness. if any rectify them.	PRT/SS	
	M4	Check electrolyte level in the battery. Change the battery. Grease battery terminal.	PRT/SS	
	M5	Check the hydraulic oil pressure filter; if the indicator shows red replace the filter element.	PRT/SS	
	M6	Check tightness of all fastenings, sealing of joints in the air intake system.	PRT/SS	
QUARTERLY	3M1	Clear air filter element	PRT/SS	
	3M2	Check conditions of all belts and pulleys	PRT/SS	
	3M3	Check the condition of lub oil, fuel, hydraulic oil for the presence of water and sediments. If any take corrective action.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
HALF YEARLY	6M1	Check for the function of control system i.e low hydraulic oil level, low lub oil pressure	PRT/SS	
	6M2	Carry out through checks on hydraulic pipelines for any leakage and control system wirings/terminal for loose and secure them properly.	PRT/SS	
	6M3	Clean cylinder and cylinder head tinning.	PRT/SS	
	6M4	Clean tins on oil cooler	PRT/SS	
	6M5	Retighten bolts at oil pan, intake and exhaust manifold fastenings and engine Suspension.	PRT/SS	
	6M6	Remove loose paints if any on the engine and accessories and repaint as Necessary.	PRT/SS	
YEARLY	Y1	Drain and clean fuel tank.	OEM	
	Y2	Clean fuel, lub oil and hydraulic oil filters	OEM	
	Y3	Check valve tappet clearance and re-adjust.	OEM	
	Y4	Clear carbon deposit from exhaust system	OEM	
	Y5	Carry out capacity test of batteries. If required recondition the batteries.	OEM	
2 YEARLY	2Y1	Carry out pressure testing of hydraulic hoses at 1.5 times of working pressure If any leakages found, replace hoses.	OEM	
	2Y2	Change sump lub oil and hydraulic oil	OEM	
	2Y3	Change fuel lub oil and hydraulic oil filter element	OEM	
	2Y4	Carry out load testing of lifting sling	OEM	
	2Y5	Clean and test injector nozzles for pressure settings.	OEM	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
8 YEARLY	8Y1	Renew all hydraulic hoses	OEM	
	8Y2	Carry out top over hauling of engine	OEM	
	8Y3	Carry out in frame inspection of hydraulic pump and components.	OEM	
	8Y4	Renew valve springs.	OEM	
	8Y5	Check big and bearings and cam shaft bearings	OEM	

SCHEDULE NO.9

EQUIPMENT :- LINDUCTOR OIL RECOVERY POWER PACK

MAKE :- YANKEE INVIRONMENTAL

TYPE :- FOUR CYLINDER, WATER COOLED, DIESEL ENGINE.

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	SS	
	W2	Check lub oil level in sump	SS	
	W3	Check the freeness of engine	SS	
	W4	Check the leakages of all systems and stop the same if found	SS	
	W5	Turn power pack engine.	SS	
	W6	Clean the external surface with detergent water and degrease to be free from foreign deposits.	SS	
	W7	Clean hydraulic hoses and quick releasing coupling.	SS	
MONTHLY	M1	Carryout pre-checks for starting. Connect hydraulic hoses with oil recovery chamber. Operate the hydraulic system and check all parameters.	SS	
	M2	Observe to any abnormal vibration and noise. If any rectify them.	SS	
	M3	Check electrolyte level in the battery and charge the battery. Grease the terminal.	SS	
	M4	Check fan belt tension.	SS	
	M5	Top up fuel, hydraulic oil and water if required.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Carry air filter element.	SS	
	3M2	Check the condition of lub oil coolant water and hydraulic level. If presence of water in lub oil and fuel is noticed, drain oil and replace. If any sediments and depositions in cooling water, it should be flushed out and replenished with fresh water.	SS	
	3M3	Check all external fasteners for tightness.	SS	
	3M4	Check the condition of pulleys and ensure they are free of grease and dirt.	SS	
	3M5	Lubricate all linkages and levers.	SS	
HALFYEARLY	6M1	Drain coolant by opening drain plug.	SS	
	6M2	Clean fuel and lub oil filter. If fuel filter found to be clogged or fouled it should be replaced	SS	
	6M3	Clean radiator fins with high jet water.	SS	
	6M4	Check all wirings and terminal connection, to be tightened and seemed if found loose.	SS	
YEARLY	Y1	Check and adjust valve clearances.	DOCKYARD	
	Y2	Renew oil and fuel filter	DOCKYARD	
	Y3	Drain complete fuel, clean fuel tank and top up fresh fuel.	DOCKYARD	
	Y4	Drain sump oil and refill with fresh oil.	DOCKYARD	
	Y5	Test and clean injector nozzles and renew sealing rings.	DOCKYARD	
	Y6	Clean carbon deposit from exhaust system.	DOCKYARD	
	Y7	Carry out load testing of lifting slings.	DOCKYARD	
	Y8	Carry out capacity test of batteries. Drain electrolyte and refill with fresh electrolyte.	DOCKYARD	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
2 YEARLY	2Y1	Renew Air Filter element.	DOCKYARD	
	2Y2	Drain fuel tank completely, flush and clean it.	DOCKYARD	
	2Y3	Renew flexible fuel hoses	DOCKYARD	
5 YEARLY	5Y1	Carry out top overhauling of engine and record all findings	DOCKYARD	
10 YEARLY ROUTINE	10Y1	Carry out major overhauling of engine.	DOCKYARD	

SCHEDULE NO. 10

EQUIPMENT :- LINDUCTOR OIL RECOVERY CHAMBER

MAKE :- YANKEE ENVIRONMETAL

TYPE :- VACCUM CREATING CHAMBER

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	A1	Clean the skimmer by fresh water with detergent.	SS	AS OPERATORS MANUAL
	A2	Start the skimmer in fresh water with detergent.	SS	
	A3	Grease the plate wheel bearing.	SS	
	A4	Check float-locking pin.	SS	
WEEKLY	W1	Clean quick release coupling and lubricate.	SS	
	W2	Clean external and internal surfaces of chamber with detergent solution.	SS	
	W3	Lubricate skirt locking and operating levers with grease.	SS	
MONTHLY	M1	Connect hydraulic hoses with linductor power pack ensuring the fitment of	SS	
	M2	Coupling with safety locking.	SS	
	M3	Operate blower and check vacuum and check the door and bolten door for air tight and sealing. Observe for any abnormal noise and vibration.	SS	
	M4	Operate wincher pulley clean metallic rope with diesel and apply grease throughout	SS	
	M5	Check for any oil leakage. Change 'O'-rings/ rectify defect if any.	SS	
	M6	Operate and check movement of legs hydraulically.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
HALFYEALY	6M1	Inspect the condition of hoses, pipe connection and check for wear down, paint surface, remove corrosion deposit, paint wherever necessary		
YEARLY	Y1	Dismantle hydraulic motors of all three legs. Carryout overhauling of hydraulic Motors.	DOCKYARD	
2 YEARLY	2Y1	Dismantle main hydraulic motor of blower. Overhaul entire pump. Repair worn out parts if required.	DOCKYARD	
	2Y2	Carry out pressure test of hydraulic hoses to more working pressure. If any leakage observed due to crack replace hoses.	DOCKYARD	
8 YEARLY	8Y1	Renew all hydraulic hose	DOCKYARD	

SCHEDULE NO.11

EQUIPMENT :- WALO SEP POWER PACK

MAKE :- BOHUSINVEST AB , WE

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel oil level in the tank	SS	
	W2	Check the lub-oil level in the sump	SS	
	W3	Check the freeness of the engine	SS	
	W4	Check the leakage and stop if found	SS	
	W5	Twin the engine manually.	SS	
	W6	Clean all extend parts of the power pack with detergent and wipe it dry with a soft cloth.	SS	
	W7	Clean and protect all quick couplings by use of anti-corrosion oil, fit the protective plugs clean all hoses thoroughly by use of detergent.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
MONTHLY	M1	Check hydraulic oil level and also for presence of water which is revealed by different color. Such cases remove all	SS	
	M2	Hydraulic oil and fresh oil.	SS	
	M3	B2-check fuel oil in the tank and top up if required.	SS	
	M4	Lubricate engine control throttles cable.	SS	
	M5	Lubricate all control levers and hinges with lithium grease.	SS	
	M6	Tighten all hydraulic connections, couplings and fasteners.	SS	
	M7	Start the engine after carrying out pre-checks and run it idle for 05 minutes.	SS	
	M8	Check all parameters noise and vibration. If abnormal find out cause and rectify the defect. Check engine operation at different rpm connecting skimmer with hydraulic system.	SS	
QUARTERLY	3M1	Lubricate all control levers, linkages and decompression levers.	SS	
	3M2	Clean cooling fins at individual cylinders carefully with detergent solution and remove all foreign deposits.	SS	
	3M3	Inspect couplings of hydraulic motor externally.	SS	
HALFYEARLY	6M1	Clean air cleaner if under moderately dusting condition.	SS	
	6M2	Check for fuel and lubricating oil leaks tighten nuts and fittings as necessary.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY	Y1	Clean fuel and lub oil filter element, renew if necessary and adjust if necessary.	DOCKYARD	
	Y2	Check valve clearness and check for the free movement of push rods, and valve gears by rotating the engine.	DOCKYARD	
	Y3	If presence of water is notices in hydraulic tank, remove all hydraulic and add fresh oil.	DOCKYARD	
2 YEARLY	2Y1	Renew fuel and lub oil filter element drain complete lub oil from the sump. Flesh out the system.	DOCKYARD	
	2Y2	Remove injector, clean and pressure test nozzles.	DOCKYARD	
	2Y3	Change hydraulic oil of the tank.	DOCKYARD	
5 YEARLY	5Y1	Carry out top over haul of engine.	DOCKYARD	

SCHEDULE NO. 12

EQUIPMENT :- WALO SEP SKIMMER

MAKE :- BOHUSINVEST AB , WE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	A1	Clean the skimmer by fresh water with detergent.	SS	AS OPERATORS MANUAL
	A2	Start the skimmer in fresh water with detergent.	SS	
	A3	Grease the plate wheel bearing.	SS	
	A4	Check float locking pin	SS	
WEEKLY	W1	Lubricate the float bearing pins with a small quantity of ener grease or other moisture absorbent grease.		
	W2	Check disk for any damages.	SS	
	W3	Clean the external surface with detergent solution	SS	
	W4	Clean quick release coupling apply lubricants and protect with covers.	SS	
MONTHLY	M1	Start up skimmer motors after Establishing hydraulic supply from the power pack making sure that hydraulic couplings are properly connected up.	SS	
	M2	Fill water in suction chamber of delivery pump.	SS	
	M3	Check the function of the float and operation of delivery pump.	SS	
	M4	Clean hydraulic hoses externally with detergent solutions.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Wash down the skimmer unit with a high pressure hose remove the combined covers and scraper banks to assist cleaning.	SS	
	3M2	Grease the top pump bearing through grease nipple in the top flange.	SS	
	3M3	Lubricate the float bearings pins with a small quantity of grease or moisture absorbent grease.	SS	
YEARLY	Y1	Inspect delivery pump operation in warming condition for cleaning any Leakage of hydraulic oil.	DOCKYARD	
2 YEARLY	2Y1	Carry out pressure testing of hydraulic hoses at 1.5 times of working pressure if any leakages found, replace hoses.	DOCKYARD	
	2Y2	Carry out load testing of lifting slings.	DOCKYARD	
8 YEARLY	5Y1	Replace all hydraulic hoses.	DOCKYARD	
	5Y2	Carry out in frame inspection and overhauling and renew parts as necessary.	DOCKYARD	

SCHEDULE NO.13

EQUIPMENT :- HELI SKIMMER

MAKE :- KEPNER PLASTICS, USA

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
DAILY	D1	Cleaning/wiping of equipment/associated system	SS	
WEEKLY	W1	Starting of OBMs and interchanging control from the control panel(Two times)	SS	
FORT NIGHTLY	F1	Running of two in No. Centrifugal pump drum to drum	SS	
	F2	Checking of engine sump level	SS	
MONTHLY	M1	Cleaning of OBMs carburetors, Spark plugs, ignition coils	SS	
	M2	Charging of batteries and adding of electrolyte if required	SS	
	M3	Checking of centrifugal pumps engine sump level	SS	
QUARTERLY	Q1	Complete cleaning of Heli Skimmer system	SS	
	Q2	Flushing of OBMs engines with lub oil	SS	
	Q3	Cleaning of OBMs strainers	SS	
	Q4	Cleaning of fuel and lubricating oil filter of centrifugal pump primover	SS	
HALF YEARLY	H1	Opening of two in No. pump engines for checking tappet clearance, flushing with lub oil and refitting	SS	
	H2	OBM engine oil flushing	SS	
	H3	Cleaning of spark plugs and ignition coils	SS	
	H4	Checking of Sea water pump and sacrificial anodes of both OBMs	SS	
YEARLY	Y1	Complete overhauling of both OBMs	OEM	
	Y2	Complete overhauling of both centrifugal pumps including engines.	OEM	

SCHEDULE NO.14

EQUIP MENT :- OBM FOR HELI SKIMMER

MAKE :- MERCURY

TYPE :- THREE CYLINDER WATER COOLED PETROL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Check the fuel oil level in the tank	SS	
	W2	Check the lub-oil level in the sump	SS	
	W3	Check the freeness of the engine	SS	
	W4	Check the leakage and stop if found	SS	
	W5	Clean the engine externally.	SS	
	W6	Grease all moving external parts.	SS	
MONTHLY	M1	Start OBM & check for abnormal noise / exhaust.	SS	
	M2	Engage at 1000 rpm in both ahead & astern mode.	SS	
	M3	Check battery.	SS	
HALFYEARLY	6M1	Check and tighten at all fasteners.	SS	
	6M2	Open spark plug clean & read just to 0.7 mm.	SS	
	6M3	Lubricate all control cable shafts.	SS	
	6M4	Check tighten of propeller.	SS	
YEARLY	Y1	Open & overhaul carburetor	DOCKYARD	
	Y2	Replace fuel hose of OBM	DOCKYARD	
2 YEARLY	2Y1	Replace all flexible hose.	DOCKYARD	
	2Y2	Replace fuel hoses of OBM.	DOCKYARD	
	2Y3	Inspect berveli gears change if required.	DOCKYARD	

SCHEDULE NO.15

EQUIPMENT :- DD PUMP FOR HELI SKIMMER

MAKE :- YANAR

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check fuel level and refill	SS	
	W2	Check lub-oil level in oil pan & refill	SS	
	W3	Check spark arrester for clogging	SS	
	W4	Check battery liquid level and refill	SS	
	W5	Start engine & check fuel / lub oil leakage.	SS	
	W6	Check all warning laps.	SS	
MONTHLY	M1	Drain fuel tank & refill 50 hrs.	SS	
	M2	Lubricate & grease all external moving parts	SS	
QUARTERLY	3M1	Clean fuel filter 200 hrs	SS	
	3M2	Replace new lub oil	SS	
	3M3	Check the air cleaner element	SS	
HALF YEARLY	6M1	Replace fuel filter element.	SS	
	6M2	Check fuel injection system.	SS	
	6M3	Clean lub oil filter.	SS	
	6M4	Check fuel injection timing.	SS	
	6M5	Replace air cleaner element.	SS	
YEARLY	Y1	Check fuel injection pump.	DOCKYARD	
2 YEARLY	2Y1	Overhaul complete engine.	DOCKYARD	

SCHEDULE NO.16

EQUIPMENT :- M/S OIL MOP SKIMMER

MAKE :- RO CLEAN INTERNATIONAL

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	A1	Clean the skimmer by fresh water with detergent.	PRT/SS	AS OPERATORS MANUAL
	A2	Start the skimmer in fresh water with detergent.	PRT/SS	
	A3	Grease the plate wheel bearing.	PRT/SS	
	A4	Check float locking pin	PRT/SS	
MONTHLY	M1	Connect wriggler system with tail pulley.	PRT/SS	
	M2	Prepare engine for starting as per pre-checks and start engine in clutch mode.	PRT/SS	
	M3	Apply grease on all bearings and through grease nipples.	PRT/SS	
	M4	Remove guard and degrease sprocket chain with diesel and apply bearing grease.	PRT/SS	
	M5	Screw down grease cup provided at the seal and bearing surface of the pulley.	PRT/SS	
	M6	Fill intermediate storage tank with water and after priming run the pump by engaging clutch check for any abnormal noise and pump out put performance. Rectify the defects observed.	PRT/SS	
	M7	Check belt tension and adjust for free movement for the clutch if it is too tight.	PRT/SS	
	M8	Check for fid tightens loose bolts, nuts.	PRT/SS	
	M9	Clean suction strainer.	PRT/SS	
	M10	Check oil level in the oil lubricated bearing housing. Refill if necessary. Do not overfill.	PRT/SS	
	M11	Clean whole surface with detergent water.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Change oil from bearing housing.	PRT/SS	
	3M2	Check and tighten the foundation bolts.	PRT/SS	
HALFYEARLY	6M1	Clean intermediate tank internally and check for any corrosion deposits. Apply paints wherever necessary after scrapping.	PRT/SS	

SCHEDULE NO.17

EQUIPMENT :- OIL MOP ENGINE

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Crank the engine to check crankshaft freeness.	SS	
	W2	Clean the external surface with detergent water and grease.	SS	
	W3	Check lube oil and fuel level.	SS	
	W4	Check fuel level and refill	SS	
	W5	Check lub-oil level in oil pan & refill	SS	
	W6	Check spark arrester for clogging	SS	
	W7	Check battery liquid level and refill	SS	
MONTHLY	M1	Prepare engine for starting and run engine for five minutes on idling	SS	
	M2	Engage the pump after priming the pump. Ensure tank is filled with water, observe pump out put and any abnormal noise/ vibration.	SS	
	M3	Lubricate all linkages and moving external parts.	SS	
	M4	Check cover part of oil bath air filter for oil level and contamination. If it found, refill the oil after fleshing old oil in case of excessive dust remove insert and clean.	SS	
	M5	Check all external fastness for tightness.	SS	
	M6	Check condition of lube oil and fuel by draining from bottom plugs.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Clean cooling grips of cylinder heads by diluted detergent water with a bottle brush.	SS	
	3M2	Clean flywheel fan and de grease the surface with detergent solution. Finally blow off engine with compressed air.	SS	
	3M3	Check proper function of bleeding valve in the fuel system and check moment of inner valve by shaking action.	SS	
	3M4	Re adjust de compression device.	SS	
HALF YEARLY	6M1	Charge engine oil in warm condition	SS	
	6M2	Clean fuel tank and fuel filter	SS	
	6M3	Check tappet clearance and re adjust to 0.1 mm for both valves in cooled condition.	SS	
YEARLY	Y1	Change lub oil and fuel filter.	DOCKYARD	
	Y2	Scrape loose paint from corroded parts and paint where ever necessary	DOCKYARD	
	Y3	Check foundation bolts.	DOCKYARD	
	Y4	Check condition of flexible fuel hose and replace it found damaged.	DOCKYARD	
	Y5	Remove exhaust pipe clean externally and refit with new gasket.	DOCKYARD	
2 YEARLY	2Y1	Remove fuel injector and fuel pump	DOCKYARD	
	2Y2	Calibrate fuel pump and pressure test injector.	DOCKYARD	
5 YEARLY	5Y1	Overall complete engine. 200 hrs	DOCKYARD	

DISPERSANT EQUIPMENT

SCHEDULE NO.01

EQUIPMENT :- TC-3 SPRAYING BUCKET

MAKE :- HELI TASK (ROTOR TECH)

TYPE :- TC-3 BUCKET

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
DAILY				
AFTER USE				
WEEKLY	W1	Check lub oil and fuel oil level and top up if required.	SS	AS OPERATORS MANUAL
	W2	Clean engine thoroughly to keep it dust free.	SS	
	W3	Crank the engine with remote and operate solenoid valve	SS	
	W4	Grease solenoid operated valves through grease nipples.	SS	
	W5	Check lifting slings, shackles, arms, and boom connections for any corrosion or deposition of foreign matters. Clean and apply grease wherever required.	SS	
MONTHLY	M1	Start the engine after pre-checks and filling the bucket with fresh water partially.	SS	
	M2	Check for pump operation and abnormal vibration, noise etc. If any rectify.	SS	
	M3	Check and retighten all fastens which are held loose.	SS	
	M4	Change the battery	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY 100 HRS	3M1	Clear air filter element	SS	
	3M2	Clean cooling system to remove dirt or other foreign derbies from the cylinder tins	SS	
	3M3	Clean the re-gap spark plug.	SS	
	3M4	Inspect all metal parts for nicks, scratches, cracks or other damages. Polish out minor defects using emery for steel parts. An aluminum abrasive cloth for aluminum parts.	SS	
	3M5	Clean all wire terminals		
HALFYEARLY 2500 HRS	6M1	Clean petrol tank	SS	
	6M2	Change engine oil	SS	
YEARLY	Y1	Remove pump and dismantle and pack internal bearings with grease	DOCKYARD	
	Y2	Remove both electrically controlled valves and over haul with kits provided	DOCKYARD	
	Y3	Inspect foundation mounting. If it is cracked/damaged, remove mounting	DOCKYARD	
	Y4	Remove air inlet pipe and exhaust pipe clean, make it dry and refit	DOCKYARD	
	Y5	Open drain plug of bucket and drain the water after re circulation with detergent solution for 30 minutes.	DOCKYARD	
2 YEARLY	2Y1	Carry out load testing of lifting slings	DOCKYARD	
5 YEARLY	5Y1	Overhaul complete engine	DOCKYARD	
	5Y2	Renew rubber hoses	DOCKYARD	
	5Y3	Renew battery, spark plug and ignition coil.	DOCKYARD	
	5Y4	Renew both solenoid along with nozzle discs and rubber.	DOCKYARD	
	5Y5	Renew connector pins (male & female) of remote	DOCKYARD	

SCHEDULE NO.02

EQUIPMENT :- TC-III SPRAY ARM

MAKE :- ROTOTECH Ltd. LONDON

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Live demonstration	SS	
MONTHLY	M1	Live demonstration by varying the discharge flow from the regulating valve of the pump, rotating the spray arm nozzles and by pass mechanism	SS	
HALF YEARLY	H1	Removal of nozzles and adopters, cleaning and refitting	SS	
YEARLY	Y1	Renewal/replacement of nozzles and adopters if required	OEM	

SCHEDULE NO.03

EQUIP MENT :- WIDE SPRAY DISPERSANT SYSTEM

MAKE :- RO CLEAN INTERNATIONAL

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check lub oil, fuel oil & pump case oil & top up if required.	PRT/SS	
	W2	Clean engine & pump to keep it completely dust free.	PRT/SS	
	W3	Manually crank the engine.	PRT/SS	
	W4	Check fuel level and refill	PRT/SS	
	W5	Check lub-oil level in oil pan & refill	PRT/SS	
	W6	Check spark arrester for clogging	PRT/SS	
	W7	Check battery liquid level and refill	PRT/SS	
MONTHLY	2M1	Check suction & discharge hose function by starting engine & pump.	PRT/SS	
	2M2	Check & re tighten all loose fittings.	PRT/SS	
	2M3	Check for any abnormal noise / vibration. rectify if any.	PRT/SS	
	2M4	Check condition of 'V' belt.	PRT/SS	
QUARTERLY 125 HRS	3M1	Charge engine lub oil if necessary.	PRT/SS	
	3M2	Change crank case oil of diaphragm pump.	PRT/SS	
	3M3	Clean air filter	PRT/SS	
	3M4	Adjust the tension of belts.	PRT/SS	
	3M5	Check retightens mounting bolts & nuts.	PRT/SS	
	3M6	Clear lub oil filter.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
HALFYEARLY 400 HRS	6M1	Drain the sump & refill with new oil	PRT/SS	
	6M2	Renew oil filter elements	PRT/SS	
	6M3	Check valve clearance	PRT/SS	
	6M4	Clean & replace injects nozzles if the exhaust color has changes.	PRT/SS	
	6M5	Renew fuel filter elements.	PRT/SS	
	6M6	Check axial for drive belt tension & readjust if any deviation is observed.	PRT/SS	
YEARLY	Y1	Replace air \cleaner element.	OEM	
	Y2	Examine the exhaust & inlet system for leaks / damage /restrictions.	OEM	
	Y3	Dismantle discharge pipes, fittings inspect for any crack and serviceability of sealing rings if required.	OEM	
	Y4	Dismantle pump suction & discharge housing clean pump diaphragm and inspect internal parts for wear down.	OEM	
2 YEARLY 1000 HRS	2Y1	Decarbonize engine piston trunk	OEM	
	2Y2	Clean exhaust pipes.	OEM	
	2Y3	Check the TX axial fan drive belt condition & replace if necessary	OEM	
	2Y4	Change injector nozzles.		
	2Y5	Inspects diaphragms valves replace if worn out.	OEM	
	2Y6	Check pump connecting rod bearings.	OEM	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
4 YEARLY 2000 HRS	4Y1	Decarbonize the engine	OEM	
	4Y2	Replace the Tx axial fan drive belt irrespective of its condition.	OEM	
	4Y3	Check fuel pump timing.	OEM	
	4Y4	Clean the fan (axial) & check for damage.	OEM	
	4Y5	Replace suction & discharge hoses.	OEM	
8 YEARLY	8Y1	Overhaul complete engine & replace defective parts.	OEM	
	8Y2	Overhaul complete pump and replace defective parts.	OEM	

SCHEDULE NO.04

EQUIP MENT :- SPILL SPRAY DISPERSION SYSTEM

MAKE :- GREAVES COTTON CO. LTD

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check fuel level & refill	PRT/SS	
	W2	Check lube oil level in oil pan & refill	PRT/SS	
	W3	Check spark arrester for clogging.	PRT/SS	
	W4	Check battery liquid level and refill	PRT/SS	
	W5	Clean engine, pump & base frame completely.	PRT/SS	
	W6	Check fuel and lub oil level and top up if required.	PRT/SS	
	W7	Crank the engine.	PRT/SS	
MONTHLY	M1	Clean air cleaner and breather.	PRT/SS	
	M2	Check the operation of engine and performance of pump by starting.	PRT/SS	
	M3	Check for any abnormal noise, vibration rectify if any.	PRT/SS	
	M4	Re-tighten all external fasteners, pipes clamps if hold loose.	PRT/SS	
	M5	Lubricate all linkages.	PRT/SS	
	M6	Grease pumps bearings.	PRT/SS	
	M7	Check spray nozzles for correct spray form and leakage.	PRT/SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Clean air breather.	PRT/SS	
	3M2	Clean cylinder head fins with detergent & water.	PRT/SS	
	3M3	Open bearing cover, remove old grease & refill with new grease.	PRT/SS	
	3M4	Inspect arm pipes, coupling nozzles, arm frames for any cracks abrasion & failure of frp.	PRT/SS	
	3M5	Remove corrosion or foreign deposits over discharge pipes (strainers) of the unit with emery paper and preserve all fasteners clamps with thin film of lub oil. tighten gland if required.	PRT/SS	
HALF YEARLY	6M1	Clean fuel tank and remove all sediments by flushing.	PRT/SS	
	6M2	Clean fuel filter	PRT/SS	
	6M3	Clean lub oil filter	PRT/SS	
	6M4	Check coupling bolts for wear down & replace if necessary.	PRT/SS	
	6M5	Re-new gland packing.	PRT/SS	
YEARLY	Y1	Clean injector.	OEM	
	Y2	Check tightness of delivery pipe union.	PRT/SS	
	Y3	Check rocker arm & tapped clearance.	OEM	
	Y4	Replace lub oil filter cartridge.	PRT/SS	
	Y5	Change lub oil from sump.	PRT/SS	
	Y6	Replace fuel oil filter cartridge.	PRT/SS	
	Y7	Check alignment & re-align if required.	OEM	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
5 YEARLY 1300 HRS	5Y1	Carry out top overhaul of engine.	OEM	
	5Y2	Over haul complete pump and replace parts if necessary.	OEM	
	5Y3	Replace suction & discharge hoses with new couplings.	PRT/SS	
	5Y4	Replace coupling bolts, foundation bolts clamp bolts & packing.	OEM	
	5Y5	Carry out repair of spill spray arms including frp patching of ram frames wherever necessary.	OEM	
10 YEARLY 3000 HRS	10Y1	Carry out major overhauling of engine.	OEM	
	10Y2	Check the serviceability of spill spray arm pipes and nozzles. Replace complete assembly with new nozzles.	OEM	

SCHEDULE NO.05

EQUIP MENT :- SPILL SPRAY ARMS

MAKE :- A/S NORWAY

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Live demonstration inside the shed premises	SS	
MONTHLY	M1	Demonstration by varying the discharge flow from regulating valve of the pump, rotating the spray arms nozzles and adjusting of reducer box educator mechanism	SS	
HALF YEARLY	H1	Removal of nozzles and adaptors, cleaning and refitting	SS	
YEARLY	Y1	Renewal/replenishment of adaptors and nozzles if required	SS	

STORAGE AND AUXILIARY EQUIPMENT

SCHEDULE NO.01

EQUIPMENT :- DRAGON BARGE

MAKE :- RO CLEAN INTER NATIONAL

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE	A1	Clean the skimmer by fresh water with detergent.	SS	AS OPERATORS MANUAL
	A2	Start the skimmer in fresh water with detergent.	SS	
	A3	Grease the plate wheel bearing.	SS	
	A4	Check float locking pin	SS	
WEEKLY	M1	Clean external surfaces of the barge after barge is inflated.	SS	
	M2	carry out inspection for the following (a) Presence of blisters in molded sections parts or straps. (b) Areas of abrasion where the exterior proofing has been removed exposing nylon fabric or coral. (c) holes or cuts which penetrates the envelope. Carry out field repairs if any defects mentioned above are observed, as per the recommendation of users manual.	SS SS	

SCHEDULE NO.02

EQUIPMENT :- RO SET BOOM WASHING CHAMBER

MAKE :- ROULANDS, DENMARK

MODEL :-

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Clean the container externally/internally with freshwater and detergent	SS	
MONTHLY	M1	Fill grease cup with grease	SS	
	M2	Check quick releasing coupling and nozzles	SS	
	M3	Inspect pump suction connectors	SS	
	M4	Inspect free movement of rollers and lubricate	SS	
HALF YEARLY	6M1	Inspect the condition of rubber line thrust wheels	DOCKYARD	
	6M2	Inspect the condition of nozzle carriages, rails and wheels	DOCKYARD	
	6M3	Inspect the operation of pneumatic cylinders	DOCKYARD	
	6M4	Inspect the pneumatic control box, check oil level in oil-mist distributor if required re-fill	DOCKYARD	
	6M5	Inspect all system air hoses for any damage/leakage	DOCKYARD	

SCHEDULE NO.03

EQUIP MENT :- RO SET COMPRESSOR

MAKE :- DEUTEZ

MODEL :- F1L210D

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check fuel oil intime	SS	AS OPERATORS MANUAL
	W2	Check lub-oil level in sump	SS	
	W3	Check the freeness of the engine	SS	
	W4	Check for any leakage in system and stop the same if found	SS	
	W5	Turn the engine	SS	
	W6	Clean the complete compressor assembly	SS	
	W7	Drain the air bottles	SS	
MONTHLY	M1	Check quick release coupling for leakage, tighten/repair if necessary	SS	
	M2	Check all system valves for free operation	SS	
	M3	Check external fasteners for tightness	SS	
	M4	Operate system, observe any abnormal vibration and noise, if any rectify them	SS	
	M5	Check condition of 'V' belt	SS	
QUARTERLY	3M1	Clean air filter element	SS	
	3M2	Check the condition of lub-oil and fuel-oil for the presence of water/sediments, if any take corrective action	SS	
	3M3	Clean fuel filter element	SS	
	3M4	Check operation of relief valve	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY	Y1	Complete overhauling of engine	DOCKYARD	
	Y2	Complete overhauling of compressor	DOCKYARD	
	Y3	Complete overhauling of system valves	DOCKYARD	
	Y4	Pressure testing of air bottles 1.5 times higher than the working pressure	DOCKYARD	

SCHEDULE NO.04

EQUIPMENT :- RO SET HOT WATER CLEANER

MAKE :- KEW/L&T

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Cleaning/wiping of equipment	SS	
	W2	Check pump gear oil level	SS	
	W3	Check condition of belt and pulleys	SS	
MONTHLY	M1	Clean the burners	SS	
	M2	Inspect quick releasing couplings	SS	
	M3	Inspect spray guns	SS	
HALF YEARLY	6M1	Circulate detergent through water heating coils	SS	
	6M2	Clean electrical contacts	SS	
	6M3	Inspect electrical wiring and accessories	SS	
	6M4	Inspect regulating valves	SS	
	6M5	Varnish motor windings	DOCKYARD	
YEARLY	Y1	Overhauling of motor/pump assembly	DOCKYARD	
	Y2	Chemical cleaning and pressure testing (1.5 times of working pressure) of water heating coils and other system pipelines	DOCKYARD	
	Y3	Complete overhauling of burner and spraying system	DOCKYARD	
	Y4	Clean fuel oil tank	DOCKYARD	

SCHEDULE NO.05

EQUIPMENT :- THUNE EUREKA POWER PACK

MAKE :- A/S NORWAY

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
DAILY	D1	Cleaning/wiping of equipment/ associated system	SS	
WEEKLY	W1	Starting of Thune Eureka Power pack. (Two times)	SS	
	W2	Inspection of lub oil & hydraulic oil.	SS	
	W3	Starting of power pack both by battery as well as by hand by using Thune Eureka pump	SS	
MONTHLY	M1	Inspection of battery, Charging of batteries and addition of electrolyte if required	SS	
	M2	Checking of lub oil / hydraulic oil and replenishing if required	SS	
QUARTERLY	Q1	Opening of cylinder head, cleaning and flushing of all components by lub oil	OEM	
	Q2	Checking of tappet clearance	OEM	
	Q3	Checking of the condition of hose coupling	SS	
HALF YEARLY	H1	Removal, cleaning and fitment of hydraulic hose coupling	SS	
	H2	Cleaning of fuel / lub oil / hydraulic oil filter	SS	
YEARLY	Y1	Overhauling of engine	OEM	
	Y2	Changing of lub oil, inspection of hydraulic oil and renewal if necessary.	SS	
	Y3	Renewal of hydraulic hose coupling if required	SS	
	Y4	Pressure testing of hydraulic hoses	OEM	

SCHEDULE NO.06

EQUIPMENT :- THUNE EUREKA HEAD

MAKE :- A/S NORWAY

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
DAILY	D1	Cleaning/wiping of equipment/ associated system	SS	
WEEKLY	W1	Running of Head by providing fresh water in PRT Shed (two times).	SS	
	W2	Running of pump to & fro to drum.	SS	
MONTHLY	M1	Removal of strainer and cleaning.	SS	
	M2	Cleaning of electrical contacts.	SS	
QUARTERLY	Q1	Dismantling of pump from the motor, cleaning and painting of strainer.	SS	
	Q2	Applying of XG278 preservative grease externally and inside the strainer	SS	
	Q3	Cleaning of pump parts and application of LG grease.	SS	
HALF YEARLY	H1	Repetition of Quarterly routines.	SS	
	H2	Application of aluminum paint and CTC coat on motor parts.	SS	
YEARLY	Y1	Overhauling of pump.	DOCKYARD	
	Y2	CTC and varnish coating on electrical parts.	DOCKYARD	
	Y3	Replenishment of strainer if required.	SS	
	Y4	Renewal of pump mechanical seal if required	DOCKYARD	

SCHEDULE NO.07

EQUIPMENT :- BEACH CLEANING UNIT

MAKE :- UK

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
DAILY	D1	Cleaning/wiping of equipment/ associated system	SS	
WEEKLY	W1	Starting of equipment (two times)	SS	
	W2	Live demonstration of equipment	SS	
QUARTERLY	Q1	Cleaning of Carburetors	SS	
	Q2	Cleaning of Intec filter	SS	
	Q3	Tuning of engine, and setting of spark plug	SS	
HALF YEARLY	H1	Opening of cylinder head and decarburizing of engine	SS	
	H2	Live demonstration of equipment	SS	
YEARLY	Y1	Complete overhauling of pump.	DOCKYARD	
	Y2	Complete overhauling of engine	DOCKYARD	
	Y3	Cleaning of spray gun and renewal of hose if required.	SS	

SCHEDULE NO.08

EQUIPMENT :- CCN 100 ENGINE AND PUMP

MAKE :- DEUTZ

TYPE :- FIVE CYLINDER,AIR COOLED, DIESEL ENGINE.

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank	SS	
	W2	Check lub oil level in sump	SS	
	W3	Check the freeness of engine	SS	
	W4	Check the leakages of all systems and stop the same if found	SS	
	W5	Crank the engine till it is free to rotate	SS	
	W6	Clear external surface with detergent water and degrease to be free from foreign deposits	SS	
	W7	Check lub oil and fuel oil level.	SS	
	W8	Check level of battery acid.	SS	
	W9	Check oil level of engine and water separator of fuel filter	SS	
MONTHLY	M1	Check all external fasteners for tightness.	SS	
	M2	Check the condition of lub oil and hydraulic oil by draining fuel from the bottom. Take necessary action if it is contaminated.	SS	
	M3	Clean hydraulic hoses and discharge hose with detergent solution.	SS	
	M4	Clean centrifugal pump externally and check couplings/ 'O' rings are intact.	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
QUARTERLY	3M1	Check the condition of 'V' belt tension adjust if necessary.	SS	
	3M2	Check for the function of control system, ie low hydraulic oil level, low lub oil pressure, manually operated emergency stop.	SS	
	3M3	Carry out thorough checks on hydraulic pipelines for any leakage and control wirings for lose wire/terminals and secure them properly.	SS	
HALFYEARLY	6M1	Clear cooling tins and grills of oil corles	SS	
	6M2	Clean air cleaners.	SS	
	6M3	Retighten bolts at oil pan, intake and exhaust manifold fastenings and engine suspension.	SS	
	6M4	Remove loose paints if any on the engine and accessories and repaint as necessary.	SS	
YEARLY	Y1	Clean fuel strainer of fuel pump and fuel filter.	DOCKYARD	
	Y2	Clean lub oil filter	DOCKYARD	
	Y3	Check valve tappet clearance and re-adjust.	DOCKYARD	
	Y4	Change engine sump lub oil	DOCKYARD	
	Y5	Re-tighten bolts at oil pan, intake and exhaust manifold fastenings and engine suspension	DOCKYARD	
	Y6	Clear carbon deposit from exhaust system	DOCKYARD	
	Y7	Clean engine lub oil and hydraulic filter	DOCKYARD	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
2 YEARLY	2Y1	Carry out pressure testing of hydraulic hoses at 1.5 times of working pressure	DOCKYARD	
	2Y2	If any leakages found, replace hoses.	DOCKYARD	
	2Y3	Renew fuel hydraulic hoses.	DOCKYARD	
	2Y4	Carry out load testing of lifting.	DOCKYARD	
	2Y5	Clean and test injector nozzles and renew sealing rings.	DOCKYARD	
8 YEARLY	8Y1	Replace all hydraulic hoses	DOCKYARD	
	8Y2	Carry out top over hauling of engine	DOCKYARD	
	8Y3	Overhaul centrifugal pump and renew both bearings	DOCKYARD	

SCHEDULE NO.09

EQUIP MENT :- BEACH CLEANING EQUIPMENT

MAKE :- RO CLEAN INTERNATIONAL

TYPE :- SINGLE CYLINDER AIR COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Start the engine.	SS	AS OPERATORS. MANUAL
	W2	Check the spray	SS	
	W3	Maintain the fuel level	SS	
MONTHLY	M1	Check the condition of air filter.	SS	
	M2	Inspect carburetor linkage.	SS	
	M3	Inspect discharge nozzle clean if clogged.	SS	
HALFYEARLY	6M1	Clean carburator.	SS	
	6M2	Remove and clean spark plug and readjust the terminal gap.	SS	
	6M3	Lubricate the hose reel.	SS	
YEARLY	Y1	Check tightness of all fasteners.	DOCKYARD	
	Y2	Decorbonise of exhaust silencer.	DOCKYARD	
	Y3	Clean jacket cooling fins with bottlebrush.	DOCKYARD	
2 YEARLY	2Y1	Overhaul engine.	DOCKYARD	
	2Y2	Check condition of hose and replace it need.	DOCKYARD	

SCHEDULE NO.10

EQUIP MENT :- FORK LIFT

MAKE :- VOLTA'S

MODEL :- SIX CYLINDER WATER COOLED DIESEL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Check the fuel level in tank	SS	
	W2	Check lub oiul level in sump	SS	
	W3	Check the freeness of engine	SS	
	W4	Check the leakages of all systems and stop the same if found	SS	
	W5	Clean air breather.	SS	
	W6	Check battery fluid.	SS	
	W7	Check the tyre pressure.	SS	
	W8	Apply grease on fork rail and roller.	SS	
	W9	Check fuel level, lubricating oil level and hydraulic oil level.	SS	
	W10	Start the engine.	SS	
	W11	Check operation of fork.	SS	
MONTHLY	MI	Check the condition of belts and radiator hose.	SS	
	M2	Clean radiator fins and engine external parts of air pressure	SS	
HALFYEARLY	6M1	Clean fuel filter.	SS	
	6M2	Lubricate governor fuel system and linkage.	SS	
	6M3	Check condition of lub oil , hydraulic oil and replace it if necessary	SS	

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
YEARLY	Y1	Decarbonise silencer.	DOCKYARD	
	Y2	Replace all radiator hose.	DOCKYARD	
	Y3	Replace fan belt.	DOCKYARD	
	Y4	Replace fuel filter element.	DOCKYARD	
	Y5	Replace hydraulic oil hose.	DOCKYARD	
	Y6	Dismantle fuel injection system and calibrate	DOCKYARD	
2 YEARLY	2Y1	Carry out top overhaul of engine and hydraulic oil pump.	DOCKYARD	
	2Y2	Inspect condition of gear train.	DOCKYARD	
6 YEARLY	6Y1	Complete overhauling of engine, hydraulic oil pump and gear box.	DOCKYARD	

SCHEDULE NO.11

EQUIP MENT :- HYDRAULIC DRUM LIFTER

MAKE :-

MODEL :-

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
AFTER USE				
WEEKLY	W1	Clean externally to ensure dust free.	SS	AS OPERATORS MANUAL
MONTHLY	M1	Clean the chain and sprocket with diesel and apply fresh grease.	SS	
	M2	Lubricate the rollers & handle locking pin.	SS	
	M3	Clean the lifter with detergent.	SS	
	M4	Carry out one operating cycle by lifting a drum & lowering it.	SS	
HALFYEARLY	6M1	Inspect pump for proper operation.	SS	
	6M2	Change pump oil.	SS	
	6M3	Lubricate external pump parts.	SS	
YEARLY	Y1	Check for corrosion & apply fresh paint after proper surface preparation	DOCKYARD	
	Y2	Overhaul the pump.	DOCKYARD	

SCHEDULE NO.12

EQUIP MENT :- ECHO BLOWER

MAKE :- VIKOMA

TYPE :- SINGLE CYLINDER AIR COOLED PETROL ENGINE

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
WEEKLY	W1	Check the fuel level in tank.	SS	AS OPERATORS MANUAL
	W2	Check lub oil level in sump.	SS	
	W3	Check the freeness of engine.	SS	
	W4	Check the leakages and stop the same if founds	SS	
	W5	Clean air filter (ensure choke closed).	SS	
	W6	Turn the crankshaft manually.	SS	
MONTHLY	M1	Check spark plug (adjust to 0.6-0.7 mm).	SS	
	M2	Open engine cover & clean with detergent.	SS	
	M3	Clean fuel filter element.	SS	
HALFYEARLY	6M1	Clean cylinder head fins.	SS	
	6M2	Empty fuel tank, clean with fresh fuel & refill.	SS	
	6M3	Lubricate all moving external parts.	SS	
YEARLY	Y1	Remove. & Exhaust part, clean decarbonize & refit.	DOCKYARD	
	Y2	Open blower casing & inspect internal parts.	DOCKYARD	
2 YEARLY	2Y1	Over haul complete engine.	DOCKYARD	
	2Y2	Overhaul complete blower assembly.	DOCKYARD	

SCHEDULE NO.13

EQUIP MENT :- RO SETTLING TANK

MAKE :- A/S ROULANDS,DENMARK

TYPE :-

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
DAILY	D1	Cleaning/wiping of equipment/associated system	SS	
WEEKLY	W1	Starting & charging of air bottle (Two times)	SS	
	W2	Draining of air bottle and recharging	SS	
MONTHLY	M1	Inspection of engine sump oil	SS	
	M2	Cleaning of Pneumatic pump lub oil filter, Air filter & fuel filter	SS	
HALF YEARLY	H1	Opening of crank door of compressor for visual checking	SS	
	H2	Draining of air bottle and recharging	SS	
	H3	Checking of all system valves for free operation	SS	
	H4	Flushing of engine parts, cleaning of air bottle chamber internally and externally and application of paint coating	SS	
YEARLY	Y1	Complete overhauling of engine	OEM	
	Y2	Complete overhauling of compressor	OEM	
	Y3	Overhauling of all system valves	OEM	
	Y4	Overhauling of Pneumatic pumps	OEM	

SCHEDULE NO.14

EQUIP MENT :- HOT WATER CLEANER

MAKE :-

TYPE :-

PERIODICITY	ROUTINE SCHEDULE	ROUTINE DESCRIPTION	BY WHOM	REMARKS
DAILY	D1	Cleaning/wiping of equipment/ associated system	SS	
WEEKLY	W1	Starting of equipments(Two times)	SS	
	W2	Live demonstration of equipments	SS	
	W3	Checking of pump gear oil level and replenishing if required	SS	
MONTHLY	M1	Changing of pump gear oil	SS	
	M2	Cleaning of burners	SS	
	M3	Greasing of hose connectors	SS	
HALF YEARLY	H1	Circulating of detergent through water heating coils	SS	
	H2	Varnishing of motor winding	SS	
	H3	Cleaning of electrical contacts	SS	
	H4	Checking of regulating valve of detergent	SS	
	H5	Checking of spray nozzles and cleaning	SS	
YEARLY	Y1	Overhauling of motor	OEM	
	Y2	Chemical cleaning and pressure testing water heating coils and other system pipe lines	OEM	
	Y3	Complete overhauling of burners	OEM	
	Y4	Overhauling of pump	OEM	
	Y5	Checking of fuel spraying system	SS	
	Y6	Overhauling of blower and renewal of belt	OEM	
	Y7	Chemical cleaning of fuel tank	OEM	