


# DIMENSION BID

## Equipment Maintenance Checklist 2 (400HRS /6 Months)

Equipment type : Single Pump Unit		Running Hours : 523	
Location : Open yard		Date : 14/5/2024	
Equipment number : 8703			
Y N Checklist		Y N Checklist	
<b>Appearance &amp; Safety Equipment:</b>			
<input checked="" type="checkbox"/> Ensure unit appearance good and clean		<input checked="" type="checkbox"/> Check any visible leaks - ensure air up 90-110psi	
<input checked="" type="checkbox"/> Verify that all earth/ground cables are in place, well connected		<input checked="" type="checkbox"/> Gauges in good condition	
<input checked="" type="checkbox"/> Skid condition - visually check for any damage		<input checked="" type="checkbox"/> Air reservoir /tanks - drain any water	
<input checked="" type="checkbox"/> Fire extinguisher is present and certified		<input checked="" type="checkbox"/> Air hose, connections, piping, valves and actuators condition	
		<input checked="" type="checkbox"/> Service pneumatic control valve if required	
		<input checked="" type="checkbox"/> Check gauge condition (replace if necessary)	
		<input checked="" type="checkbox"/> Check air starter functionality and mounting bolt tightness	
<b>Cooling System:</b>			
<input checked="" type="checkbox"/> Check coolant level, top up if required			
<input checked="" type="checkbox"/> Check visible leaks			
<input checked="" type="checkbox"/> Radiator hose & clamp condition (replace if damaged/rusted)			
<input checked="" type="checkbox"/> Perform visual and physical check on radiator fin			
<b>Engine:</b>			
<input checked="" type="checkbox"/> Change engine oil (SAE 15W-40)			
<input checked="" type="checkbox"/> Change engine oil filter			
<input checked="" type="checkbox"/> Change fan belt and clean pulley area			
<input checked="" type="checkbox"/> Check fan hub bearing for any wobble (replace if required)			
<input checked="" type="checkbox"/> Check Battery voltage (<11Vdc) and cable connectors (if applicable)			
<input checked="" type="checkbox"/> Check condition of engine hoses (replace if necessary)			
<input checked="" type="checkbox"/> Check for rusted part- repair/repaint if required			
<input checked="" type="checkbox"/> Clean the crankcase vent breather			
<input checked="" type="checkbox"/> Check engine mounting condition - tight any loose bolt			
<b>Controls / Instrumentation:</b>			
<input checked="" type="checkbox"/> Normal kill and emergency kill tested			
<input checked="" type="checkbox"/> Check all controls condition service if required			
<input checked="" type="checkbox"/> Check all gauges are in good condition and working service if necessary			
<input checked="" type="checkbox"/> Check (Rate+RPM) and (Pressure+OPS) condition			
<input checked="" type="checkbox"/> Check RPM, LN2 and GN2 discharge pressure			
<input checked="" type="checkbox"/> OPSP tested			
<b>Exhaust System:</b>			
<input checked="" type="checkbox"/> Pipework - check for any leak or damage			
<input checked="" type="checkbox"/> Condition/Operation of exhaust flapper			
<input checked="" type="checkbox"/> Condition of exhaust wrap are in place and in good condition			
<b>Transmission, PTO &amp; Drivelines:</b>			
<input checked="" type="checkbox"/> Sight glass/dipstick shows in full (SAE 90)			
<input checked="" type="checkbox"/> Start & idle engine(5- Min) recheck oil level			
<input checked="" type="checkbox"/> Listen for excessive noise at PTO			
<input checked="" type="checkbox"/> Condition of Transmission hoses & fittings			
<input checked="" type="checkbox"/> Grease U-joint & propeller shaft			
<input checked="" type="checkbox"/> Flush and change gearbox (SAE 90)			
<input checked="" type="checkbox"/> Clean gearbox breather filter or replace if required			
<b>Hydraulic System:</b>			
<input checked="" type="checkbox"/> Check Hyd. Hoses/valve/connections (replace if found visible damage)			
<input checked="" type="checkbox"/> Hyd tank - drain any water			
<input checked="" type="checkbox"/> Check hydraulic oil level (2" from top) (Tellus 46)			
<input checked="" type="checkbox"/> Check hydraulic gauges (replace if damage)			
<input checked="" type="checkbox"/> Check condition of fittings & couplings (replace if necessary)			
<b>Fuel System:</b>			
<input checked="" type="checkbox"/> Clean fuel filter sight bowl			
<input checked="" type="checkbox"/> Clean fuel tank breather cap condition (replace if damaged)			
<input checked="" type="checkbox"/> Check for leaks on fuel lines, connections, and hoses (repair or replace if required)			
<input checked="" type="checkbox"/> Change fuel filter and fuel strainer filter			
<input checked="" type="checkbox"/> Fill up the diesel tank to 90% (if applicable)			
<input checked="" type="checkbox"/> Drain 1 litre fuel from drain valve			
<b>Please state the equipment readiness</b>			
Ready		Not Ready	
<b>Maintenance type done, (Please state if any spare used)</b>			
Preventive Maintenance		Corrective Maintenance	
		- To Repair and Differ gear	
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EXAMINER SIGNATURE 		VERIFIED BY Azhwan	