

DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
		<input checked="" type="checkbox"/>	ALHGH		

Equipment type : CTU Batch Mixer
 Location Mob/Demob : ALHGH
 Equipment number : BMX 01

Y	N	Checklist
Appearance and Safety Equipment:		
<input checked="" type="checkbox"/>		Ensure unit appearance good and clean
<input checked="" type="checkbox"/>		Verify that all earth/ground cables are in place, well connected
<input checked="" type="checkbox"/>		Skid condition - visually check for any damage
<input checked="" type="checkbox"/>		Fire extinguisher is present and certified 12/31/24
Cooling System:		
<input checked="" type="checkbox"/>		Coolant level & condition
<input checked="" type="checkbox"/>		Check visible leaks
<input checked="" type="checkbox"/>		Radiator hose & clamp condition
<input checked="" type="checkbox"/>		Perform visual and physical check on radiator fin
Engine Inspection:		
<input checked="" type="checkbox"/>		Check engine oil level (SAE 15w-40) not be milky or too dark
<input checked="" type="checkbox"/>		Check any general leaks on all filter hoses, and connectors.
<input checked="" type="checkbox"/>		Check fan, hub, fanbelt condition/ tension
<input checked="" type="checkbox"/>		Check Battery cable connectors (if applicable)
<input checked="" type="checkbox"/>		Check condition of engine hoses
<input checked="" type="checkbox"/>		Check for rusted part- repair/repaint if required
<input checked="" type="checkbox"/>		Check the crankcase vent system for excessive blow by
<input checked="" type="checkbox"/>		Check engine mounting condition - tight any loose bolt
Controls / Instrumentation:		
<input checked="" type="checkbox"/>		Normal kill tested
<input checked="" type="checkbox"/>		Emergency kill tested
<input checked="" type="checkbox"/>		Oil pressure gauge in good condition
<input checked="" type="checkbox"/>		Tachometer display in good condition
<input checked="" type="checkbox"/>		Throttle control in good condition
<input checked="" type="checkbox"/>		Engine stop cable/button in good condition
<input checked="" type="checkbox"/>		Engine start cable/button in good condition
Exhaust System:		
<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
Transmission, Gearbox:		
<input checked="" type="checkbox"/>		Check level Sight glass/dipstick shows in full (SAE 90)
<input checked="" type="checkbox"/>		Check condition of the gearbox breather filter
Hydraulic System:		
<input checked="" type="checkbox"/>		Check Hyd. Hoses/valve/connections undamage and clean
<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
<input checked="" type="checkbox"/>		Check condition of fittings & couplings
Fuel System:		
<input checked="" type="checkbox"/>		Check for any water contamination in the fuel filter sight bowl
<input checked="" type="checkbox"/>		Check fuel tank breather cap condition
<input checked="" type="checkbox"/>		Check for leaks on fuel lines, connections, and hoses
<input checked="" type="checkbox"/>		Fuel filter - check condition
<input checked="" type="checkbox"/>		Fill up the diesel tank to 90% (If applicable)
<input checked="" type="checkbox"/>		Drain 1 litre fuel from drain valve

Running Hours : 186
 Date : 2015/12/3

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Air System:		
<input checked="" type="checkbox"/>		Check any visible leaks - ensure air up 90-110psi
<input checked="" type="checkbox"/>		Gauges in good condition
<input checked="" type="checkbox"/>		Air reservoir /tanks - drain any water
<input checked="" type="checkbox"/>		Air hose,connections,piping, valves and actuators condition
<input checked="" type="checkbox"/>		All pneumatic control valve working properly
<input checked="" type="checkbox"/>		All gauges in good condition
Air Cleaner:		
<input checked="" type="checkbox"/>		Check the element for water or soot and clean as required
Zone II System:		
<input checked="" type="checkbox"/>		Flame traps - check cleanliness
<input checked="" type="checkbox"/>		Air intake valve (flapper) - check condition
<input checked="" type="checkbox"/>		Spark arrestor - check condition
Paddles / Agitator:		
<input checked="" type="checkbox"/>		Check oil level (SAE 90)
<input checked="" type="checkbox"/>		Grease bearing
<input checked="" type="checkbox"/>		Check agitators rotation
System Pressure:		
		Fuel pressure@idle speed psi
		Fuel pressure@1800 RPM psi
<input checked="" type="checkbox"/>		Oil pressure @ cold start 80 psi
<input checked="" type="checkbox"/>		Oil pressure @ 180deg.F 40 psi
Certifications:		
		Sling condition/ Due on 08/12/23
		MPI due 08/12/23
		Visual Test due 08/12/23

Please state the equipment readiness

Ready	Not Ready
<p>- Unit ready to run. - Some Actuator BA need to change</p>	

Maintenance type done.(Please state if any spare used)

Preventive Maintenance	Corrective Maintenance

NAME	POSITION	EXAMINER SIGNATURE	VERIFIED BY
Henry	EOC	Henry	Jim A

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