

DIMENSION BID

Equipment Maintenance Checklist 1

| PRE JOB | LOCATION |
|---------|----------|
| | |

| ON JOB | LOCATION |
|-------------------------------------|----------|
| <input checked="" type="checkbox"/> | |

| POST JOB | LOCATION |
|-------------------------------------|--------------|
| <input checked="" type="checkbox"/> | Dulong River |

Equipment type : CTU Batch Mixer
 Location Mob/Demob : 002-4104-15
 Equipment number : CTU B (10/02)

| 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 |
| 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 |
| Tools / 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) (A/A right dial) |
| <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 : 1287.5 HRS
 Date : 5/11/2023

| Y | N | Checklist |
|-------------------------------------|---|---|
| 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 / Aggitator: | | |
| <input checked="" type="checkbox"/> | | Check oil level (SAE 90) |
| <input checked="" type="checkbox"/> | | Grease bearing |
| <input checked="" type="checkbox"/> | | Check agitators rotation |
| System Pressure: | | |
| <input checked="" type="checkbox"/> | | Fuel pressure @ idle speed psi |
| <input checked="" type="checkbox"/> | | Fuel pressure @ 1800 RPM psi |
| <input checked="" type="checkbox"/> | | Oil pressure @ cold start 50 psi |
| <input checked="" type="checkbox"/> | | Oil pressure @ 180deg.F 78 psi |
| Certifications: | | |
| | | Sling condition/ Due on 8/23 |
| | | MPI due 5/2025 |
| | | Visual Test due 5/2025 |

Please state the equipment readiness

| Ready | Not Ready |
|-----------------------|--|
| - Ready for NEXT JOB! | - Alternator not function Not Recharge Batteries |

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

| Preventive Maintenance | Corrective Maintenance |
|---|------------------------|
| - Alternator not recharge - Aggitator not function - on tank 1 | - need replace |

| | | | |
|--------------------------------------|-----------------------|--|-----------------------------------|
| NAME Muhammad Haffid bin / Anubin | POSITION EOT / PJT | EXAMINER SIGNATURE <i>[Signature]</i> | VERIFIED BY <i>[Signature]</i> |
| Doc. Ref. No.: CTS-FORM-13 | | CONTROLLED COPY | |
| Rev. No.: 01 | | | |
| Effective Date: 01/02/2022 | | | |
| Rev. 00, dated: 01/11/10-0850429 | | | |