



Equipment Maintenance Checklist 1

Equipment type : CTU Batch Mixer
 Location : DELTA
 Equipment number : CTU BMP 002

Checklist

Appearance and Safety Equipment:

Ensure unit appearance good and clean
 Verify that all earth/ground cables are in place, well connected
 Skid condition - visually check for any damage
 Fire extinguisher is present and certified *DB CTU 02 22-03-2023*

Cooling System:

Coolant level & condition
 Check visible leaks
 Radiator hose & clamp condition

Engine Injection:

Check engine oil level (SAE 15W-40) not be milky or too dark
 Check any general leaks on all filter, hoses, and connectors.
 Check fan, hub, fanbelt Condition/ Tension
 Check Battery cable connectors
 Check condition of engine hose's
 Check for rusted part- repair if required
 Check the crankcase vent system for excessive blow by

Air Cleaner:

Air filter condition-check the element for water or soot and clean as required

Controls / Instrumentation:

Normal kill tested
 Emergency kill tested
 Oil pressure gauge in good condition
 Tachometer in good condition
 Throttle control in good condition
 Engine stop cable in good condition
 Engine start valve in good condition

Exhaust System:

Pipework - check for any leak or damage
 Condition/operation of rain cap
 Condition of exhaust wrap are in place and in good condition

Transmission, Gearbox:

Check level Sight glass shows in full (SAE 90)
 Check condition of the gearbox breather filter

Hydraulic System:

Check Hyd. Hoses/valve/connections undamage and clean
 Hyd.tank - drain any water
 Check hyd. oil level (2" from top) (Tellus 46)
 Check hyd. gauges
 Check condition of fittings & couplings

Fuel System:

Check for any water contamination in the fuel filter sight bowl
 Fuel tank - drain any water
 Check for leaks on fuel lines, connections, and hoses
 Fuel filter - check condition
 Fill up the diesel tank to 90%

Running Hours : 1123 H
 Maintenance Schedule :
 Date : 25/7/2022

Checklist

Air System:

Check visible leaks, ensure air up 90-110psi-check that gauge are GOOD
 Gauges condition
 Air reservoir /tanks - drain any water until that are clean
 Air hose,connections,piping,valves and actuators condition
 All control working properly

Zone II System:

Flame traps - check cleanliness
 Back pressure gauges - check condition
 Spark arrestor - check condition

Paddles / Aggitator:

Check oil level (SAE 90) *NA*
 Grease bearing *NA*
 Check agitators turn

C-Pump:

C-Pump packing - check condition
 Check operation and shut-in pressure *C Pump 1 - 45psi C Pump 2 - 47psi*
 4x5 C-Pump > 45 psi - *NA*
 5x6 C-Pump > 55 psi
 Perform circulation test

Mixing tank & piping:

Check condition of mixing tank & paddle
 Check condition of suction & discharge piping
 Check condition of B/F Valve & grease
 Check condition of safety railing w/comp.lock pin
 Mixing head + circulation jet - no cement build up

System Pressure:

Fuel pressure@idle speed : psi
 Fuel pressure@1800 RPM : psi
 Oil pressure @ cold start : *74* psi
 Oil pressure @ 180deg.F : *76.9* psi

Certifications:

Sling condition/ Due on
 MPI due
 Load Test due

Please state the equipment readiness in either columns and spare used

Ready	Not Ready
<i>Ready to Next Job</i>	

Date : *25/7/2022*
 Name : *AJOL SAFWAN*
 Position : *EO*

Please state any corrective actions and spare used.

Corrective Action Completion

Date :
 Name :
 Position :

Signature: _____

