DIMENSION BID
WELL INTERVENTION | PERFORATION SERVICES

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 Inpection:
✓		Check engine oil level(SAE 15w-40) not be milty 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
NA		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%

		Checklist
		Air System:
✓		Check visible leaks, ensure air up 90-110psi-check that gauge are GOOD
✓		Gauges condition
✓		Air reservoir /tanks - drain any water untill 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 / Agitator:
NA		Check oil level (SAE 90) NA
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 - 47 PSI
		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 69 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
Ready to Next JOB	
Date : 25/7/2022	
Name : AIDIL SAFWAN	Signature:
Position : EO	

Please state any corrective actions and spare used.

Corrective Action Completion

Date :	
Name :	Signature:
Position :	