

Title	Job Supervision – Standard & Advanced Services				
Target Population	Field Engineer & Field Specialists				
This requirement is applicable to:		JFE		FST	
	✓	FE1	✓	FS1	EO1
	✓	FE2	✓	FS2	EO2
			✓	FS3	EO3
				✓	GEO

Objective:

The objective of this task is to evaluate and verify the employee's competency in executing coiled tubing operations independently as main supervisor or second supervisor (night shift). At this level, his competency is evaluated on both Standard and Advanced Services:

- Standard Services
 - Wellbore Cleanout
 - CT Cementing
 - Nitrogen Operations
 - Pumping Services
- Advanced Services
 - CT Fishing
 - CT Milling
 - CT Logging
 - CT Mechanical Packer
 - CT Real-Time Downhole Tools
 - CT Matrix Stimulation

Tasks:

The employee should complete the following tasks:

1. Play a strong operational role at location either as the main job supervisor or as a second supervisor (night shift) and ensure operations are carried out in a safe and efficient manner.
2. Participate in all aspects of the service delivery process such as job preparations i.e. logistics, wellsite client contact, managing the crew, job execution in compliance with CTS Standard and reporting requirements.
3. Review the Job Program.
4. Understand and be able to explain the Job Objective(s) for the operation.
5. Participate in the Job Safety Analysis or Risk Assessment for the operation.
6. Ensure pre and post EMC 1 for all equipment are being performed at location.
7. Leading the rig-up and rig-down of equipment in a safe manner.
8. Make some basic calculations as required during operation (some examples: MPSP, PT-A & PT-B values, CT string volume, volume to displace bottoms up wellbore, CT speed required to place fluids

DIMENSION BID

CTS TASK SHEET

in wellbore, Nitrogen required to flush CT string at surface, N2 required to displace CT String when at a given depth).

9. Calculate and log the times consumed in the following activities; mobilization, equipment spot, rig up, operation, NPT, standby, rig down, de-mobilization.
10. Calculate the total volume of fluids pumped and the total amount of additives used for operation.
11. Produce job tickets and get client's agreement and signature accordingly.

REQUIRED EVIDENCE:

1 Evidence of participation in and / or delivery of the above tasks refer OJT.

Brief summary of employee's learning outcome (to be completed by Assessor):

OVERALL SCORE	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
	10	9	8	7	6	5	4	3	2

MENTOR / ASSESSOR's Comments & Recommendation:

Objective met. Task completed

Signature		Assessment Date	13/10/24
Name	KUNG YEE HAN	Position	TECHNICAL ADVISOR

FSM / OM Comments & Recommendation:

Able to supervise and advise job procedure from design ~~on~~ stage until evaluation stage.

Signature		Assessment Date	13/10/24
Name	M. KHAIRUL RIDHWAN AZIZA CTS FIELD SERVICE MANAGER Dimension Bid (M) Sdn Bhd	Position	PSM

Equipment Maintenance
Checklist 1

Equipment type	Clu Batch Mixer
Location	OPW 1 Yards
Equipment number	EN 1101
<input checked="" type="checkbox"/> <input type="checkbox"/> 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	
Engine Inspection:	
<input checked="" type="checkbox"/> Check engine oil level(SAE 15w-40) not be milty 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 <input checked="" type="checkbox"/> Check condition of engine hose's <input checked="" type="checkbox"/> Check for rusted part- repair if required <input checked="" type="checkbox"/> Check the crankcase vent system for excessive blow by	
Air Cleaner:	
<input checked="" type="checkbox"/> Air filter condition-check the element for water or soot and clean as required	
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 in good condition <input checked="" type="checkbox"/> Throttle control in good condition <input checked="" type="checkbox"/> Engine stop cable in good condition <input checked="" type="checkbox"/> Engine start valve in good condition	
Exhaust System:	
<input checked="" type="checkbox"/> Pipework - check for any leak or damage <input checked="" type="checkbox"/> Condition/Operation of rain cap <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 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 hyd. oil level (2" from top) (Tellus 46) <input checked="" type="checkbox"/> Check hyd. 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"/> Fuel tank - drain any water <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%	

Please state the equipment readiness in either columns and spare used

Ready

Ready 10 80

Date : 21/8/16
 Name : FIRBAS / SABU / ADAM / ZAFIR / HAFIZ
 Position : EO 1 / FST / PST / JEE

Signature:



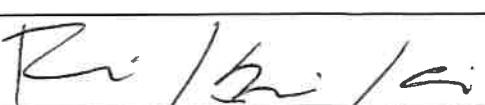
Please state any corrective actions and spare used.

Corrective Action Completion

Date :	
Name :	
Position :	

Signature:

Equipment Maintenance Checklist 1

Equipment type : Batch Mixer Tank	Maintenance Schedule :					
Location : OPEY YARD	Date : 21/08/2021					
Equipment number : 04/3M/01						
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Checklist </div>						
Appearance & Safety Equipment: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Ensure unit is clean <input checked="" type="checkbox"/> Skid condition - visually check for any damage <input checked="" type="checkbox"/> Walkway/Ladders - check for any damage 						
Labelling <ul style="list-style-type: none"> <input checked="" type="checkbox"/> MGW and SWL in place <input checked="" type="checkbox"/> Last annual inspection 						
Lifting Devices <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Inspection on shackles and pins, slings and lugs <input checked="" type="checkbox"/> MPI on pad eye if necessary <input checked="" type="checkbox"/> Mark the inspection date and due date <input checked="" type="checkbox"/> Load test is current <input checked="" type="checkbox"/> All protection caps and ID tags in place. 						
Corrosion, Dent, Defects in Weld <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Check for rust in weld, no leaks <input checked="" type="checkbox"/> Check for leakages <input checked="" type="checkbox"/> Check all piping, manhole covers, valves 						
Safety Equipment and Certification <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Visual inspection of all pad eyes and lifting gear <input checked="" type="checkbox"/> Safety guards and rail in working condition 						
Please state the equipment readiness in either columns and spare used <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Ready</td> <td style="width: 50%; padding: 5px;"></td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 10px;">Ready to go</td> </tr> </table>			Ready		Ready to go	
Ready						
Ready to go						
Date : 21/08/21 Name : FIRDOUS / BABU / ARAV / ZAFEM / HAFIZ Position : EM / FET / FET / JRE		Signature: 				
Please state any corrective actions and spare used.						
Corrective Action Completion						
Date : Name : Position :		Signature:				

Equipment Maintenance
Checklist 1

Equipment type	: Single Pump Unit
Location	: OPEN YARD 30
Equipment number	: CWU/SP/01
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Checklist	
Appearance & 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	
Engine:	
<input checked="" type="checkbox"/> Check engine oil level(SAE 15w-40) not be milty 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 <input checked="" type="checkbox"/> Check condition of engine hose's <input checked="" type="checkbox"/> Check for rusted part- repair if required <input checked="" type="checkbox"/> Check the crankcase vent system for excessive blow by	
Air Cleaner:	
<input checked="" type="checkbox"/> Air filter condition-check the element for water or soot and clean as required	
Controls / Instrumentation:	
<input checked="" type="checkbox"/> Normal kill and emergency kill tested <input checked="" type="checkbox"/> Check converter lock-up <input checked="" type="checkbox"/> Check all gauges are in good condition and working <input checked="" type="checkbox"/> Check (Rate+RPM) and (Pressure+OPS) condition <input checked="" type="checkbox"/> Throttle control in good condition <input checked="" type="checkbox"/> OPSD tested	
Exhaust System:	
<input checked="" type="checkbox"/> Pipework - check for any leak or damage <input checked="" type="checkbox"/> Condition/Operation of rain cap <input checked="" type="checkbox"/> Condition of exhaust wrap are in place and in good condition	
Transmission, PTO & Drivelines:	
<input checked="" type="checkbox"/> Sight glass shows in full (SAE 90) <input checked="" type="checkbox"/> Start & idle engine(5- Min) recheck oil level <input checked="" type="checkbox"/> Listen for exessive noise at PTO <input checked="" type="checkbox"/> Condition of Transmission hoses & fittings <input checked="" type="checkbox"/> Grease U-joint & propeller shaft	
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 hyd. oil level (2" from top) (Tellus 46) <input checked="" type="checkbox"/> Check hyd. 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"/> Fuel tank - drain any water <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%	

Please state the equipment readiness in either columns and spare used

Ready	Not Ready
unit ready for next job	
Date : 21/8/21	
Name : WELFRED / ZAEEM / HAFIZ	Signature: 
Position : EO 2 / JEE	

Please state any corrective actions and spare used.

Corrective Action Completion	
Date :	
Name :	Signature:
Position :	

Equipment Maintenance Checklist 1

Equipment type : CTU Injector Head HR680

Location : OPEN YARD

Equipment number : C4/14/01

  **Checklist**
Appearance & Safety Equipment:

- Ensure unit is clean
- Skid condition - visually check for any damage
- Walkway/Ladders - check for any damage

Lubrication:

- Chain lube oil tank level
- Grease at all grease point

Hydraulic System:

- Check all hydraulic Hoses for damage,leaks or wear
- Fitting & coupling condition
- Check accumulators for correct precharge:
- Upper Traction 500 psi
- Middle Traction 500 psi
- Lower Traction 500 psi
- Outside Tension 500 psi

Chains:

- Chains must be clean
- Check chain,rollers,bearings,pins & gripper blocks condition
- Chain alignment
- Check for unusual noise when running

Chain Tensioner System:

- Check all sprockets for wear and damage
- Grease all bearings - drive and idler sprocket
- Check cylinders for wear and damage

Drive Motor & Gear Box:

- Check gearbox lubricant level
- Function test drive and brake system
- Check for any leak or damage

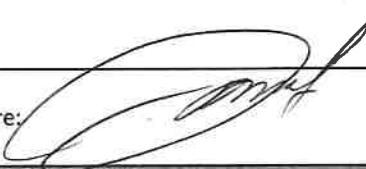
Gooseneck:

- Check gooseneck alignment (prior to stab in)
- Check gooseneck rollers for damages
- Check linkages,pins,locking,covers and supports condition

Please state the equipment readiness in either columns and spare used
Ready
Date : 18/01/2021

Name : M. AYMAN / ZAEEM / HAIFL

Position : FS / JFG

Signature:

Please state any corrective actions and spare used.
Corrective Action Completion
Date :
Name :
Position :
Signature:

Equipment Maintenance
Checklist 1

Equipment type	: Air Compressor
Location	: 0754 YARD 201
Equipment number	: ND-14-190-008
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 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	
Engine:	
<input checked="" type="checkbox"/> Check engine oil level(SAE 15w-40) not be milty 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 <input checked="" type="checkbox"/> Check condition of engine hose's <input checked="" type="checkbox"/> Check for rusted part- repair if required <input checked="" type="checkbox"/> Check the crankcase vent system for excessive blow by	
Air Cleaner:	
<input checked="" type="checkbox"/> Air filter condition-check the element for water or soot and clean as required	
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 in good condition <input checked="" type="checkbox"/> Throttle control in good condition <input checked="" type="checkbox"/> Engine stop cable in good condition <input checked="" type="checkbox"/> Engine start valve in good condition	
Exhaust System:	
<input checked="" type="checkbox"/> Pipework - check for any leak or damage <input checked="" type="checkbox"/> Condition/Operation of rain cap <input checked="" type="checkbox"/> Condition of exhaust wrap are in place and in good condition	
Fuel System:	
<input checked="" type="checkbox"/> Check for any water contamination in the fuel filter sight bowl <input checked="" type="checkbox"/> Fuel tank - drain any water <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%	

Please state the equipment readiness in either columns and spare used

Ready

Ready to go

 Date : 19/08/2021
 Name : MUHAMMAD ZEEM / HAFIZ
 Position : GD / JEE

 Signature: 

Please state any corrective actions and spare used.

Corrective Action Completion

 Date : _____
 Name : _____
 Position : _____

Signature: _____

Equipment Maintenance
Checklist 1

Equipment type	Genset
Location	CAUCH YARD
Equipment number	NDS/165/EGYPT/002
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 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	
Engine:	
<input checked="" type="checkbox"/> Check engine oil level(SAE 15w-40) not be milty 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 <input checked="" type="checkbox"/> Check condition of engine hose's <input checked="" type="checkbox"/> Check for rusted part- repair if required <input checked="" type="checkbox"/> Check the crankcase vent system for excessive blow by	
Air Cleaner:	
<input checked="" type="checkbox"/> Air filter condition-check the element for water or soot and clean as required	
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 in good condition <input checked="" type="checkbox"/> Throttle control in good condition <input checked="" type="checkbox"/> Engine stop cable in good condition <input checked="" type="checkbox"/> Engine start valve in good condition	
Exhaust System:	
<input checked="" type="checkbox"/> Pipework - check for any leak or damage <input checked="" type="checkbox"/> Condition/Operation of rain cap <input checked="" type="checkbox"/> Condition of exhaust wrap are in place and in good condition	
Fuel System:	
<input checked="" type="checkbox"/> Check for any water contamination in the fuel filter sight bowl <input checked="" type="checkbox"/> Fuel tank - drain any water <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%	

Running Hours:	1400
Maintenance Schedule:	1400
Date:	19/11/2021
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Checklist	
Electrical System:	
<input checked="" type="checkbox"/> Check all cables and sockets in good condition <input checked="" type="checkbox"/> Generator in good condition <input checked="" type="checkbox"/> All reading in normal range <input checked="" type="checkbox"/> Circuit breaker in good condition <input checked="" type="checkbox"/> Equipment is grounded	
Zone II System:	
<input checked="" type="checkbox"/> Flame traps - check cleanliness <input checked="" type="checkbox"/> Back pressure gauges - check condition <input checked="" type="checkbox"/> Spark arrestor - check condition	
System Pressure:	
Fuel pressure@idle speed	psi
Fuel pressure@1800 RPM	psi
Oil pressure @ cold start	70 psi
Oil pressure @ 180deg.F	72 psi
Certifications:	
Sling condition/ Due on	01/12/21
MPI due	11/21
Load Test due	11/21

Please state the equipment readiness in either columns and spare used	
Ready	
<i>Ready to go</i>	
Date : 19/08/2021 Name : MOHAMED MOHAMMED / ZAREEM / HAFIZ Position : GO / JEE	Signature: 
Please state any corrective actions and spare used.	
<hr/> <hr/> <hr/> <hr/> <hr/>	

Corrective Action Completion	
Date :	
Name :	
Position :	
Signature:	



**Equipment Maintenance
Checklist 1**

Equipment type :	Dual Combi BOP	
Location :	OPEN YARD	
Equipment number :	G44/BOP/01	
<input checked="" type="checkbox"/> <input type="checkbox"/> Checklist		
Appearance & Safety Equipment:		
<input checked="" type="checkbox"/> Ensure unit is clean <input checked="" type="checkbox"/> Visually check for any damage <input checked="" type="checkbox"/> Guard and shield in place		
Rams & Body:		
<input checked="" type="checkbox"/> Check for any damage. Thoroughly clean the unit. <input checked="" type="checkbox"/> Inspect all blades condition <input checked="" type="checkbox"/> Equalizing valve - inspect and clean <input checked="" type="checkbox"/> Check all seals condition <input checked="" type="checkbox"/> Bottom O- ring / back-up <input checked="" type="checkbox"/> Bottom ring gasket BX155		
Hydraulics & BOP Functions:		
<input checked="" type="checkbox"/> Check hydraulic hoses and connectors condition <input checked="" type="checkbox"/> Manual lock - grease and function test <input checked="" type="checkbox"/> Ram functions - cycle all rams <input checked="" type="checkbox"/> Indicators/ pins - confirm full movement <input checked="" type="checkbox"/> Ram equalizing valve - function test		
Pressure Test:		
<input checked="" type="checkbox"/> Pipe/Slip to 5000psi <input checked="" type="checkbox"/> Blinde/Shear to 5000psi <input checked="" type="checkbox"/> Body to 5000psi		
X-Overs:		
<input checked="" type="checkbox"/> BX155 Flange x CB44 Pin - Valid on certification <input checked="" type="checkbox"/> BX155 Flange x CB44 Box - Valid on certification		
Connections:		
<input checked="" type="checkbox"/> Studs,bolts and nuts for flanges - clean and check condition <input checked="" type="checkbox"/> 2 1/16" to Fig1502 thread installed and pressure tested <input checked="" type="checkbox"/> Lifting cap installed <input checked="" type="checkbox"/> CB44 Pin & box connection <input checked="" type="checkbox"/> Thread / Flanges protectors - installed		

Please state the equipment readiness in either columns and spare used

Ready

Date : 16/8/2021
 Name : muhammed - TZAEREM THAFIZ
 Position : Geo (JFC)

Signature:

Please state any corrective actions and spare used.

Corrective Action Completion

Date :	
Name :	
Position :	

Signature:

Equipment Maintenance Checklist 1

Equipment type : Single BOP Shear/Seal

Location : OPEN YARD 20

Equipment number : C14/5801/01

Checklist
Appearance & Safety Equipment:

- Ensure unit is clean
- Visually check for any damage
- Guard and shield in place

Rams & Body:

- Check for any damage. Thoroughly clean the unit.
- Inspect all blades condition
- Equalizing valve - inspect and clean
- Check all seals condition
- Bottom O- ring / back-up
- Bottom ring gasket BX155

Hydraulics & BOP Functions:

- Check hydraulic hoses and connectors condition
- Manual lock - grease and function test
- Ram functions - cycle all rams
- Indicators/ pins - confirm full movement
- Ram equalizing valve - function test

Pressure Test:

- Blind/Shear to 5000psi
- Body to 5000psi

X-Overs:

- BX155 Flange x CB44 Pin - Valid on certification
- BX155 Flange x CB44 Box - Valid on certification

Connections:

- Studs,bolts and nuts for flanges - clean and check condition
- 2 1/16" to Fig1502 thread installed and pressure tested
- Lifting cap installed
- CB44 Pin & box connection
- Thread / Flanges protectors - installed

Please state the equipment readiness in either columns and spare used

Ready

 Date : 16/8/2021
 Name : Muhammed / ZAEEM / HAFIZ
 Position : GEO / JFE

Signature:


Please state any corrective actions and spare used.
Corrective Action Completion

Date :

Name :

Position :

Signature:



**Equipment Maintenance
Checklist 1**

Equipment type : Fluid Storage Tank
Location : OPEN YARD 20
Equipment number : PE-VT-006

Checklist

Appearance & Safety Equipment:

- Ensure unit is clean
- Skid condition - visually check for any damage
- Walkway/Ladders - check for any damage

Labelling

- MGW and SWL in place
- Last annual inspection

Lifting Devices

- Inspection on shackles and pins, slings and lugs
- MPI on pad eye if necessary
- Mark the inspection date and due date
- Load test is current
- All protection caps and ID tags in place.

Corrosion, Dent, Defects in Weld

- Check for rust in weld, no leaks
- Check for leakages
- Check all piping, manhole covers, valves

Safety Equipment and Certification

- Visual inspection of all pad eyes and lifting gear
- Safety guards and rail in working condition

Maintenance Schedule :

Date : 19/08/2021

Checklist

Certifications:

Sling condition/ Due on _____
MPI due 11/21
Load Test due 11/21

Please state the equipment readiness in either columns and spare used

Ready

Ready to go

Date : 19/08/2021
Name : MOHAMMED MOHAMMED / ZAEEM / HAFIZ
Position : GO / JFE

Signature:

Please state any corrective actions and spare used.

Corrective Action Completion

Date :	Signature:
Name :	
Position :	

Equipment Maintenance Checklist 1

Please state the equipment readiness in either columns and spare used

Ready

Ready to go

Date : 19/08/2021

Name : MOHD AZIZ MOHAMMAD ZAREEM HAFIZ

Position : EO / JFE

Signature:

Please state any corrective actions and spare used.

Corrective Action Completion

Date _____

Name : _____

Signature:

Equipment Maintenance
Checklist 1

Equipment type : Jacking Frame
 Location : OVEN YARD 20
 Equipment number : CM4/JF101

Maintenance Schedule :

Date : 17/08/2021

 Checklist

Certifications:

	Sling condition/ Due on 01/2022
	MPI due 03/2022
	Load Test due 03/2022

 Checklist

Appearance & Safety Equipment:

- Ensure unit is clean
- Skid condition - visually check for any damage
- Walkway/Ladders - check for any damage

Labelling

- MGW and SWL in place
- Last annual inspection

Lifting Devices

- Inspection on shackles and pins, slings and lugs
- MPI on pad eye if necessary
- Mark the inspection date and due date
- Load test is current
- All protection caps and ID tags in place.

Corrosion, Dent, Defects in Weld

- Check for rust in weld, no leaks
- Check for leakages
- Check all piping, manhole covers, valves.

Safety Equipment and Certification

- Visual inspection of all pad eyes and lifting gear
- Safety guards and rail in working condition

Please state the equipment readiness in either columns and spare used

Ready

Date : 17/08/2021

Name : M. Wilson 12AEM 1HAFIL

Position : JFE

 Signature: 

Please state any corrective actions and spare used.

Corrective Action Completion

Date :

Signature:

Name :

Position :

Equipment Maintenance Checklist 1

Equipment type	: Extension Frame
Location	: OPEN YARD 20
Equipment number	: C44/EF/01
Checklist	
Appearance & Safety Equipment:	
<input checked="" type="checkbox"/>	Ensure unit is clean
<input checked="" type="checkbox"/>	Skid condition - visually check for any damage
<input checked="" type="checkbox"/>	Walkway/Ladders - check for any damage
Lebelling	
<input checked="" type="checkbox"/>	MGW and SWL in place
<input checked="" type="checkbox"/>	Last annual inspection
Lifting Devices	
<input checked="" type="checkbox"/>	Inspection on shackles and pins, slings and lugs
<input checked="" type="checkbox"/>	MPI on pad eye if necessary
<input checked="" type="checkbox"/>	Mark the inspection date and due date
<input checked="" type="checkbox"/>	Load test is current
<input checked="" type="checkbox"/>	All protection caps and ID tags in place.
Corrosion, Dent, Defects in Weld	
<input checked="" type="checkbox"/>	Check for rust in weld, no leaks
Safety Equipment and Certification	
<input checked="" type="checkbox"/>	Visual inspection of all pad eyes and lifting gear
<input checked="" type="checkbox"/>	Safety guards and rail in working condition

Maintenance Schedule :	
Date	: 17/08/2021
Checklist	
Certifications:	
<input checked="" type="checkbox"/>	Sling condition/ Due on
<input checked="" type="checkbox"/>	MPI due 03/22
<input checked="" type="checkbox"/>	Load Test due 03/22

Please state the equipment readiness in either columns and spare used

Ready

Date : 17/08/2021
 Name : M. WISAN / ZAFEEM / HAFIZ
 Position : PS / JEE

Signature: 

Please state any corrective actions and spare used.

Corrective Action Completion

Date		Signature:
Name		
Position		

Equipment Maintenance
Checklist 1

Equipment type : CTU N2 Tank
 Location : OPEN YARD 70
 Equipment number : CM/NT/04

Checklist
Appearance & Safety Equipment:

- Ensure unit is clean
- Skid and tank condition - visually check for any damage
- Check tank certifications validity
- Walkway/Ladders - check for any damage
- Drip pan condition

Vaporizer Coil:

- Fins,pipework and fittings - Check for any damage
- Pressure up tank to check for leaks

Flow lines, Strainers & Seals:

- Pipework - Visually check for damages/leaks
- Check suction strainer for leaks
- Check copper/teflon seal rings
- Caps on suction and discharge lines

Valves:

- Check handles in good condition
- Valves working properly (open and close)
- Valves properly identified

Pressure Gauges:

- Physically check gauges condition
- Check gauges certification validity
- All gauges function properly
- Liquid level gauge working properly

Pressure Relief Valves:

- Verify PRV test date and correct setting
- Test the operation of PRV
- Check PRV not frozen with ice
- Check PRV suction and discharge lines condition
- Confirm road relief valve open during transportation

Maintenance Schedule :

Date : 18/08/2021

Checklist
Cryogenic Hoses:

- Physical heck hoses for leaks or damages
- Check the unions (F&M) condition
- Check seal rings in place

Certifications:

- Sling condition/ Due on 09/21
- MPI due 03/22
- Load Test due 02/22

Please state the equipment readiness in either columns and spare used

Ready

- unit ready for next job

Date : 18/08/2021

Name : Zulqarnain / ZAHEEM / HAFIZ

Position : GFD / JFE

Signature:


Please state any corrective actions and spare used.
Corrective Action Completion

Date :

Name :

Position :

Signature:

Equipment Maintenance
Checklist 1

Equipment type	: CTU N2 Tank
Location	: D001 Y010 Z0
Equipment number	: 14/N1/03
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Checklist	
Appearance & Safety Equipment:	
<input checked="" type="checkbox"/> Ensure unit is clean <input checked="" type="checkbox"/> Skid and tank condition - visually check for any damage <input checked="" type="checkbox"/> Check tank certifications validity <input checked="" type="checkbox"/> Walkway/Ladders - check for any damage <input checked="" type="checkbox"/> Drip pan condition	
Vaporizer Coil:	
<input checked="" type="checkbox"/> Fins,pipework and fittings - Check for any damage <input checked="" type="checkbox"/> Pressure up tank to check for leaks	
Flow lines, Strainers & Seals:	
<input checked="" type="checkbox"/> Pipework - Visually check for damages/leaks <input checked="" type="checkbox"/> Check suction strainer for leaks <input checked="" type="checkbox"/> Check copper/teflon seal rings <input checked="" type="checkbox"/> Caps on suction and discharge lines	
Valves:	
<input checked="" type="checkbox"/> Check handles in good condition <input checked="" type="checkbox"/> Valves working properly (open and close) <input checked="" type="checkbox"/> Valves properly identified	
Pressure Gauges:	
<input checked="" type="checkbox"/> Physically check gauges condition <input checked="" type="checkbox"/> Check gauges certification validity <input checked="" type="checkbox"/> All gauges function properly <input checked="" type="checkbox"/> Liquid level gauge working properly	
Pressure Relief Valves:	
<input checked="" type="checkbox"/> Verify PRV test date and correct setting <input checked="" type="checkbox"/> Test the operation of PRV <input checked="" type="checkbox"/> Check PRV not frozen with ice <input checked="" type="checkbox"/> Check PRV suction and discharge lines condition <input checked="" type="checkbox"/> Confirm road relief valve open during transportation	

Maintenance Schedule :	
Date : 18/08/2021	
Checklist	
Cryogenic Hoses:	
<input checked="" type="checkbox"/> Physical heck hoses for leaks or damages <input checked="" type="checkbox"/> Check the unions (F&M) condition <input checked="" type="checkbox"/> Check seal rings in place	
Certifications:	
sling condition/ Due on 09/21 MPI due 03/22 Load Test due 08/22	

Please state the equipment readiness in either columns and spare used
Ready

- Unit ready for heat Job

Date : 18/08/2021

Name : ZEENI / ZAEEM / HAFIZ

Position : GED / JFE

Signature:

Please state any corrective actions and spare used.
Corrective Action Completion

Date :	
Name :	
Position :	

Signature:

Equipment Maintenance
Checklist 1
Equipment type : CTU N2 Tank

Location : OPEN YARD 20

Equipment number : CTU/N1/02

Checklist
Appearance & Safety Equipment:

- Ensure unit is clean
- Skid and tank condition - visually check for any damage
- Check tank certifications validity
- Walkway/Ladders - check for any damage
- Drip pan condition

Vaporizer Coil:

- Fins,pipework and fittings - Check for any damage
- Pressure up tank to check for leaks

Flow lines, Strainers & Seals:

- Pipework - Visually check for damages/leaks
- Check suction strainer for leaks
- Check copper/teflon seal rings
- Caps on suction and discharge lines

Valves:

- Check handles in good condition
- Valves working properly (open and close)
- Valves properly identified

Pressure Gauges:

- Physically check gauges condition
- Check gauges certification validity
- All gauges function properly
- Liquid level gauge working properly

Pressure Relief Valves:

- Verify PRV test date and correct setting
- Test the operation of PRV
- Check PRV not frozen with ice
- Check PRV suction and discharge lines condition
- Confirm road relief valve open during transportation

Please state the equipment readiness in either columns and spare used
Ready
- Unit ready
Date : 18/08/2021

Name : ZAFAR / ZAEEM / HAFIZ

Position : GED / JEG

Maintenance Schedule :
Date : 18/08/2021

Checklist
Cryogenic Hoses:

- Physical heck hoses for leaks or damages
- Check the unions (F&M) condition
- Check seal rings in place

Certifications:

- Sling condition/ Due on 09/21
- MPI due 03/22
- Load Test due 03/22

Corrective Action Completion
Date :
Name :
Position :
Signature:
Zf.
Please state any corrective actions and spare used.



Equipment Maintenance

Checklist 1

Equipment type	1 CTU N2 Tank
Location	OPEN YARD 20
Equipment number	C4/NT/01
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Checklist	
Appearance & Safety Equipment:	
<input checked="" type="checkbox"/> Ensure unit is clean <input checked="" type="checkbox"/> Skid and tank condition - visually check for any damage <input checked="" type="checkbox"/> Check tank certifications validity <input checked="" type="checkbox"/> Walkway/Ladders - check for any damage <input checked="" type="checkbox"/> Drip pan condition	
Vaporizer Coil:	
<input checked="" type="checkbox"/> Fins, pipework and fittings - Check for any damage <input checked="" type="checkbox"/> Pressure up tank to check for leaks	
Flow lines, Strainers & Seals:	
<input checked="" type="checkbox"/> Pipework - Visually check for damages/leaks <input checked="" type="checkbox"/> Check suction strainer for leaks <input checked="" type="checkbox"/> Check copper/teflon seal rings <input checked="" type="checkbox"/> Caps on suction and discharge lines	
Valves:	
<input checked="" type="checkbox"/> Check handles in good condition <input checked="" type="checkbox"/> Valves working properly (open and close) <input checked="" type="checkbox"/> Valves properly identified	
Pressure Gauges:	
<input checked="" type="checkbox"/> Physically check gauges condition <input checked="" type="checkbox"/> Check gauges certification validity <input checked="" type="checkbox"/> All gauges function properly <input checked="" type="checkbox"/> Liquid level gauge working properly	
Pressure Relief Valves:	
<input checked="" type="checkbox"/> Verify PRV test date and correct setting <input checked="" type="checkbox"/> Test the operation of PRV <input checked="" type="checkbox"/> Check PRV not frozen with ice <input checked="" type="checkbox"/> Check PRV suction and discharge lines condition <input checked="" type="checkbox"/> Confirm road relief valve open during transportation	

Please state the equipment readiness in either columns and spare used

Ready

- unit ready for next job

Date : 18/08/2021
 Name : ZEELANI / ZAEEM / HAFIZ
 Position : GED / JFE

Signature:

Please state any corrective actions and spare used.

Corrective Action Completion

Date :	
Name :	
Position :	

Signature:

Equipment Maintenance Checklist 1

Equipment type : Nitrogen Converter	
Location : YACB 21	
Equipment number : 04 NEW 01	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Checklist	
Appearance & 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"/> Check fan belt tension & fan condition	
Engine:	
<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 <input checked="" type="checkbox"/> Check condition of engine hose's <input checked="" type="checkbox"/> Check for rusted part- repair if required <input checked="" type="checkbox"/> Check the crankcase vent system for excessive blow by	
Air Cleaner:	
<input checked="" type="checkbox"/> Air filter condition-check the element for water or soot and clean as required	
Controls / Instrumentation:	
<input checked="" type="checkbox"/> Normal kill and emergency kill tested <input checked="" type="checkbox"/> Check all controls in good condition <input checked="" type="checkbox"/> Check all gauges are in good condition and working <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"/> OPSD tested	
Exhaust System:	
<input checked="" type="checkbox"/> Pipework - check for any leak or damage <input checked="" type="checkbox"/> Condition/Operation of rain cap <input checked="" type="checkbox"/> Condition of exhaust wrap are in place and in good condition	
Gearbox, PTO & Drivelines:	
<input checked="" type="checkbox"/> Sight glass 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"/> Check hoses, connections and seals condition <input checked="" type="checkbox"/> Check all bearings and U-joint grease points	
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 hyd. oil level (2" from top) (Tellus 46) <input checked="" type="checkbox"/> Check hyd. 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"/> Fuel tank - drain any water <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%	

Please state the equipment readiness in either columns and spare used

Ready

- unit ready for next job

Date : 18/8/2021
 Name : De Lani / ZADEM / HAFIZ
 Position : QED / JFE

Signature:



Please state any corrective actions and spare used.

Corrective Action Completion

Date :	
Name :	
Position :	

Signature:



Equipment Maintenance

Checklist 1

Equipment type	: DID2000 Reel Frame
Location	: OPEN YARD 20
Equipment number	: 04/DIDF/01
<input checked="" type="checkbox"/> <input type="checkbox"/> Checklist	
Appearance & Safety Equipment:	
<input checked="" type="checkbox"/> Ensure unit is clean <input checked="" type="checkbox"/> Physically check frames and skid for damages <input checked="" type="checkbox"/> Check walkway/ladder for any damages <input checked="" type="checkbox"/> Loads secured	
Swivel and Fluid Manifold:	
<input checked="" type="checkbox"/> Manifold complete and secured <input checked="" type="checkbox"/> Grease plug valves and chiksans <input checked="" type="checkbox"/> Swivel bolts in place <input checked="" type="checkbox"/> Pressure test as required	
Reel Drive System:	
<input checked="" type="checkbox"/> Check drive chains condition and lubricate accordingly <input checked="" type="checkbox"/> Check chain case oil level <input checked="" type="checkbox"/> Grease main bearing accordingly <input checked="" type="checkbox"/> Check hydraulic hoses and connections for leaks/damages	
Reel Brake System:	
<input checked="" type="checkbox"/> Check for any damages <input checked="" type="checkbox"/> Test reel brake and drive system <input checked="" type="checkbox"/> Check drive chain tension	
Levelwind:	
<input checked="" type="checkbox"/> Test override clutch system <input checked="" type="checkbox"/> Check chains and leadscrew condition and operation <input checked="" type="checkbox"/> Visual check leadscrew yoke & leadcrew <input checked="" type="checkbox"/> Correct levelwind sprocket for tubing <input checked="" type="checkbox"/> Check levelwind trolley condition <input checked="" type="checkbox"/> Function test levelwind arm (up/down)	
Counter:	
<input checked="" type="checkbox"/> Check counter wheel condition <input checked="" type="checkbox"/> Function test the counter <input checked="" type="checkbox"/> Counter assembly rollers correct for size tubing	
Tubing Length Monitor:	
<input checked="" type="checkbox"/> Check its condition <input checked="" type="checkbox"/> Check sensor mount condition <input checked="" type="checkbox"/> Check guides and rollers condition <input checked="" type="checkbox"/> Check the connections and cables condition	

Please state the equipment readiness in either columns and spare used

Ready

Date : 17/08/2021
 Name : TAUFIQ / ZAEEM / HAFIZ
 Position : FC / JFE

Signature:

Please state any corrective actions and spare used.

Corrective Action Completion

Date :		Signature:
Name :		
Position :		



Equipment Maintenance

Checklist 1

Equipment type : CTU Control Cabin
 Location : OPEN YARD
 Equipment number : CTU/CC/01

Checklist

Appearance & Safety Equipment:

- Ensure unit is clean
- Skid condition - visually check for any damage
- Fire extinguisher is present and certified
- Cabin - General:**
- Inspect hoses for excessive wear
- Check all attaching hardware for tightness
- Check under panels for sign of leaking hoses
- Check hoses for signs of weeping
- Inspect cabling and fittings for excessive wear/damage
- Check horn operates
- Check internal and external lighting is operational
- Lighting system all in working condition
- Windscreen
- Airconditioning unit in working condition
- Frame locking pins
- Clean Cabin Interior
- Secure all drain plug
- Roof in good condition
- Electronics & electrical system in good condition
- Computers and monitor in working condition
- Condition/Operation of rain cap
- Condition of exhaust wrap

Controls:

- Emergency kill in working condition
- Engine shut-down in working condition
- Manual stripper control in working condition
- Manual BOP control in working condition
- Chain tension and traction in working condition
- Injector chains lube valve in working condition
- Injector Head in working condition
- Levelwind override clutch and raise/lower condition
- Reel drive in working condition
- Reel brake in working condition

Please state the equipment readiness in either columns and spare used

Ready

Date : 18/08/21
 Name : TAUFIQ / ZAEEM / HAFIZ
 Position : +S / JFC

Signature:

Please state any corrective actions and spare used.

Corrective Action Completion

Date :		Signature:
Name :		
Position :		