

Title	Maintenance – Coiled Tubing Equipment					
Target Population	Field Engineers, Field Specialists & Equipment Operators					
This requirement is applicable to:	✓	JFE	✓	FST	✓	EOT
	✓	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 performing basic maintenance on Coil Tubing Unit under supervision including:

Description		JFE	FE1	FST	FS1	EOT	EO1	EO2	EO3	GEO
1	Batch Mixer	✓		✓		✓	✓			✓
2	Fluid Pumping Unit	✓		✓			✓	✓		✓
3	Nitrogen Converter	✓	✓		✓			✓	✓	✓
4	Coiled Tubing Unit including:	✓	✓		✓				✓	✓
	Power Pack									
	Control Cabin									
	CT Reel									
	Injector Head									
	Pressure Control Equipment			✓						
5	Basic BHA Components	✓	✓	✓				✓	✓	✓

The employee should be able to identify the components of CT equipment including those found in hydraulic circuits, explain their functions, ratings and maintenance procedures. This include filling out the EMC 1 form.

He should have basic knowledge of hydraulics including the various components and principles of operations.

Tasks:

The employee will be assigned under an experienced mechanic / electrician or a mentor in the base to guide him in performing the maintenance tasks. This include tracing of the hydraulic lines by referring to Operation and Maintenance Manual.

1. Identify the main components and functions of CTU (i.e. injector head, CT reel, stripper, BOP etc.)
2. Identify main components and functions of basic BHA
3. Physically check the CTU components and fill out the EMC 1 form.
4. Assist in assembly and disassembly of the following components (whenever possible):
 - Injector head conversion. Identify each parts.

- Reel swivel maintenance. Identify each parts.
 - Stripper (replace inserts/brass bushing). Identify each parts.
 - BOP conversion/replacing inserts including function and pressure testing. Identify each parts.
 - Downhole tools (connectors, check valves, nozzles)
5. Show and explain the hydraulics system of the CT unit.
 6. Prepare a report for the activities and explain it to the assigned mentor

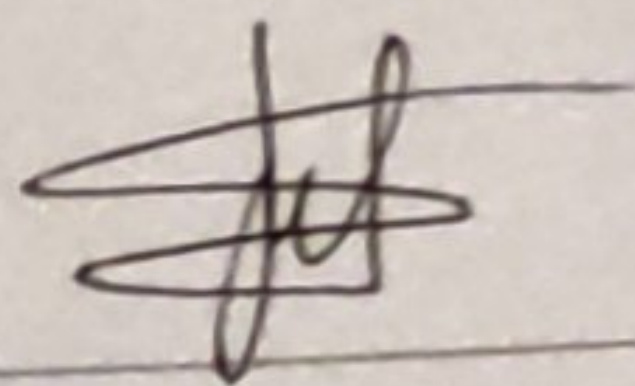
IMPORTANT NOTE: The assigned Assessor must conduct the required evaluation to evaluate employee's competency and provide feedback through the respective Task Evaluation Forms PRIOR TO completing this Task Sheet.

This task is deemed INCOMPLETE without the Task Evaluation Forms

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

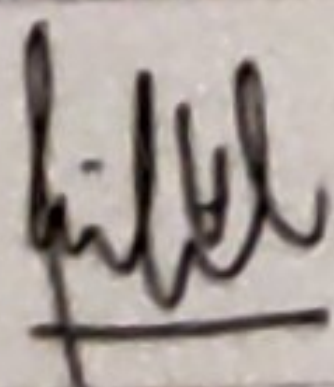
Able to stand alone supervise the operation

Assessor's Comments & Recommendation:

Signature		Assessment Date	4-7-2024
Name	MD TAUFIQ BIN ISMAIL	Position	FIELD SPECIALIST

FSM / OM Comments & Recommendation:

Personnel is competent to handle CT job stand alone.

Signature		Assessment Date	21/7/24
Name	RIDWAN AZIZAN	Position	FSM

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : Downhole Tools						X	ANGS BEAR
Equipment number :							
Location Mob/Demob : OPEN YARD							
Date : 4-7-2024							
Y	N	Checklist					
Tasks							
		Clean and dissamble entire tool					
		Visually inspect all seal for scratches					
		Visually inspect threads for damage					
		Visually inspect all components for cracks and pitting					
		Replace all elastomers (oring, seal rings, elements)					
		Replace all shear screws					
		Visually inspect all set screws					
		Replace check valve springs and pins					
		Ball seat condition					
		Lubricate all threads					
		Tool dressed as per Tech Unit(with Lubricant)					
		Pressure test 5000K psi					
		Drift Ball OD :					
		Drift Tool OD					
		Make sure all shear and set screws are tapped					
		Replace all set screws					
		Dimensional Inspection Points as per Tech Unit					
		Perform MPI Testing					
Please state the equipment readiness							
Ready				Not Ready			
				1. Tool need to Check 2. Need to finish redness, function test and pressure test. 3. Tool corrosion and need to buffing and paint with red.			
Maintenance type done..(Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman C		GEO		[Signature]		[Signature]	

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : Nitrogen Converter						✓	open yard
Location Mob/Demob : Anasi Besar							
Equipment number : C40/NU/81							
Y	N	Checklist					
Appearance & 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					
Cooling System:							
✓		Coolant level & condition at radiator					
✓		Check coolant level & condition at expansion tank					
✓		Check visible leaks					
✓		Radiator hose & clamp condition					
✓		Check fan belt tension & fan condition					
✓		Perform visual and physical check on radiator fin					
Engine:							
✓		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 condition of engine hoses					
✓		Check for rusted part- repair/repaint if required					
✓		Check the crankcase vent system for excessive blow by					
✓		Check engine mounting condition - tight any loose bolt					
Controls / Instrumentation:							
✓		Normal kill and emergency kill tested					
✓		Check all controls in good condition					
✓		Check all gauges are in good condition and working					
✓		Check (Rate+RPM) and (Pressure+OPS) condition					
✓		Check RPM, LN2 and GN2 discharge pressure					
✓		OPSD tested					
Exhaust System:							
✓		Pipework - check for any leak or damage					
✓		Condition/Operation of exhaust flapper					
✓		Condition of exhaust wrap are in place and in good condition					
Hydraulic System:							
✓		Check Hyd. Hoses/valve/connections undamaged and clean					
✓		Hyd. tank - drain any water					
✓		Check hydraulic oil level (2" from top) (Tellus 46)					
✓		Check hydraulic gauges					
✓		Check condition of fittings & couplings					
Fuel System:							
✓		Check for any water contamination in the fuel filter sight bowl					
✓		Check fuel tank breather cap condition					
✓		Check for leaks on fuel lines, connections, and hoses					
✓		Fuel filter - check condition					
✓		Fill up the diesel tank to 90% (if applicable)					
✓		Drain 1 litre fuel from drain valve					
Running Hours : 2231							
Date : 21-7-2024							
Y	N	Checklist					
Air System:							
✓		Check any visible leaks					
✓		Gauges in good condition					
✓		Air reservoir / tanks - drain any water					
✓		Air hose, connections, piping, valves and actuators condition					
✓		All pneumatic control valve working properly					
Air Cleaner:							
✓		Check the element for water or soot and clean as required					
Electronic Recording & Monitoring Devices:							
✓		Check all sensors condition					
✓		Check pump controls, rate and pressure devices.					
✓		Cables/connectors condition					
Zone II System:							
✓		Flame traps - check cleanliness					
✓		Air intake valve (flapper) - check condition					
✓		Spark arrestor - check condition					
N2 Vaporizer & Heat Exchanger:							
✓		Check for leaks or damages					
✓		Check piping for leaks or damages					
Booster Pump:							
✓		Check C-Pump operation and condition					
✓		Check hoses, connections and seals condition					
✓		Suction strainer - check for leaks					
✓		Proximity switch & cable in good condition					
✓		Grease the bearings					
Cold End & Warm End:							
✓		Check for leaks or damages					
✓		Check operation - frost uniformly during cool down					
✓		Check lubrication level - when engine at idle					
Gearbox, PTO & Drivelines:							
✓		Sight glass shows in full (SAE 90)					
✓		Start & idle engine (5- Min) recheck oil level					
✓		Listen for excessive noise at PTO					
✓		Check hoses, connections and seals condition					
✓		Check all bearings and U-joint grease points					
System Pressure:							
NA		Fuel pressure @ idle speed _____ psi					
NA		Fuel pressure @ 1800 RPM _____ psi					
✓		Oil pressure @ cold start 70 psi					
✓		Oil pressure @ 180deg.F 65 psi					
Certifications:							
✓		Sling condition/ Due on Nov 2024					
✓		MPI due Feb 2025					
✓		Visual Test due Nov 2024					
Please state the equipment readiness							
Ready				Not Ready			
Ready for job							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman		GEO		[Signature]		[Signature] Taufiq	

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : CTU N2 Tank						✓	✓
Equipment number : LET 225							✓
Location Mob/Demob : Aug 57 Bezar							✓
Date : 28-7-2024							✓
Y	N	Checklist					
Appearance & Safety Equipment:							
✓		Ensure unit is clean					
✓		Skid and tank condition - visually check for any damage/corrosion					
✓		Check tank certifications validity					
✓		Walkway/Ladders - check for any damage					
✓		Drip pan in good 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					
✓		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							
Ready				Not Ready			
Ready for job							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firmans		GEO		[Signature]		[Signature] Intiq	

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : Toolbox Container						✓	Open Yard
Equipment number : 20770/02							
Y	N	Checklist					
Appearance & Safety Equipment:							
✓		Ensure unit is clean					
✓		Physically check body and roof for any damage/leak					
✓		Working table in good condition					
✓		Wise grip safe to use					
✓		Fire extinguisher is present and certified					
Inventory:							
✓		Tools arrange in proper place					
✓		Check for tools condition for damages					
✓		Inventory list up to date					
Electrical System:							
✓		Check all cables and sockets in good condition					
✓		Visual check lamp condition					
✓		Equipment is grounded					
✓		Ensure power breaker in good condition before powering up					
Location Mob/Demob: Angli Besar							
Date: 4-7-2024							
Y	N	Checklist					
Lifting Devices							
✓		Inspection on shackles and pins, slings and lugs					
✓		MPI on pad eye if necessary					
Certifications:							
✓		Sling condition/ Due on Nov 2024					
✓		MPI due Feb 2025					
✓		Visual Test due Nov 2024					
Please state the equipment readiness							
Ready				Not Ready			
Ready for job							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME: Firmam							
POSITION: GEO							
EXAMINER SIGNATURE: [Signature]							
VERIFIED BY: [Signature]							

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : Fluid Storage Tank						✓	open yard
Equipment number : PE-VT-005							
Y	N	Checklist					
Appearance & Safety Equipment:							
✓		Ensure unit is clean					
✓		Skid condition - visually check for any damage					
✓		Walkway/Ladders - check for any damage					
✓		Ensure anti slip installed at walkway/ladder					
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					
✓		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					
Location Mob/Demob : Aug 81 Bar							
Date : 9-7-2025							
Y	N	Checklist					
Certifications:							
✓		Sling condition/ Due on 5-2024					
✓		MPI due 5-2027					
✓		Visual Test due 11-2024					
Please state the equipment readiness							
Ready				Not Ready			
Ready for job							
Maintenance type done.(Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME FIRMAN							
POSITION GEO							
EXAMINER SIGNATURE [Signature]							
VERIFIED BY [Signature]							

Doc.Ref.No.: CTS-FORM-24

Rev. No.: 01

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DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION

ON JOB	LOCATION

POST JOB	LOCATION
✓	open yard

Equipment type : Extension Frame
Equipment number : CTU / EP / 01

Y	N	Checklist
Appearance & Safety Equipment:		
✓		Ensure unit is clean
✓		Skid condition - visually check for any damage
✓		Walkway/Ladders - check for any damage
✓		Ensure anti slip installed at walkway/ladder
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
✓		All protection caps and ID tags in place.
Corrosion, Dent, Defects in Weld		
✓		Check for rust in weld, no leaks
Safety Equipment and Certification		
✓		Visual inspection of all pad eyes and lifting gear
✓		Safety guards and rail in working condition

Location Mob/Demob : Aug 11 - 2024
Date : 4-7-2024

Y	N	Checklist
Certifications:		
✓		Sling condition/ Due on 11-2024
✓		MPI due 11-2025
✓		Visual Test due 11-2024

Please state the equipment readiness

Ready

Not Ready

Ready to job

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

Preventive Maintenance

Corrective Maintenance

NAME	POSITION	EXAMINER SIGNATURE	VERIFIED BY
Doc. Ref. No.: CTS-FORM-26 Rev. No.: 01 Effective Date: 01/02/2022 Rev. 00 Dated: 01/11/16-OBSOLETE	GEO	CONTROLLED COPY	Tarko

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION																																																																													
Equipment type : Junction Box						✓	Open Yard																																																																													
Equipment number : C10-SVB-02																																																																																				
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DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
						✓	Open Yard
Equipment type : Genset		Running Hours : 1108.01 H					
Location Mob/Demob : AUGG's Bogar		Date : 1-7-2024					
Equipment number : NBS-65-60KVA-001							
Y	N	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					
NA		Fire extinguisher is present and certified					
Cooling System:							
✓		Coolant level & condition					
✓		Check visible leaks					
✓		Radiator hose & clamp condition					
✓		Perform visual and physical check on radiator fin					
Engine:							
✓		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 condition of engine hoses					
✓		Check for rusted part- repair/repaint if required					
✓		Check the crankcase vent system for excessive blow by					
✓		Check engine mounting condition - tight any loose bolt					
Air Cleaner:							
✓		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 display in good condition					
✓		Throttle control in good condition					
✓		Engine stop cable/button in good condition					
✓		Engine start cable/button in good condition					
Exhaust System:							
✓		Pipework - check for any leak or damage					
✓		Condition/Operation of exhaust flapper					
✓		Condition of exhaust wrap are in place and in good condition					
Fuel System:							
✓		Check for any water contamination in the fuel filter sight bowl					
✓		Check fuel tank breather cap condition					
✓		Check for leaks on fuel lines, connections, and hoses					
✓		Fuel filter - check condition					
✓		Fill up the diesel tank to 90% (if applicable)					
✓		Drain 1 litre fuel from drain valve					
Please state the equipment readiness							
Ready				Not Ready			
Ready to job							
Maintenance type done.(Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman		GEO		[Signature]		[Signature] TAI KLO	

DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
				✓	Open Yard

Equipment type : Air Compressor	
Location Mob/Demob : Aug 6 th 2024	
Equipment number : ND-19-190-007	
Y	N
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
Cooling System:	
✓	Coolant level & condition
✓	Check visible leaks
✓	Radiator hose & clamp condition
✓	Perform visual and physical check on radiator fin
Engine:	
✓	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 condition of engine hoses
✓	Check for rusted part- repair/repaint if required
✓	Check the crankcase vent system for excessive blow by
✓	Check engine mounting condition - tight any loose bolt
Air Cleaner:	
✓	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 display in good condition
✓	Throttle control in good condition
✓	Engine stop cable/button in good condition
✓	Engine start cable/button in good condition
Exhaust System:	
✓	Pipework - check for any leak or damage
✓	Condition/Operation of exhaust flapper
✓	Condition of exhaust wrap are in place and in good condition
Fuel System:	
✓	Check for any water contamination in the fuel filter sight bowl
✓	Check fuel tank breather cap condition
✓	Check for leaks on fuel lines, connections, and hoses
✓	Fuel filter - check condition
✓	Fill up the diesel tank to 90% (If applicable)
✓	Drain 1 litre fuel from drain valve

Running Hours : 232	
Date : 4-7-2024	
Y	N
Checklist	
Air System:	
✓	Check visible leaks
✓	Check all element on air flow system (compressor,separator)
✓	Air hose,connections, piping and valves condition
MA	All pneumatic control valve working properly
✓	All gauges in good condition
✓	Check compressor oil level at sight glass
Zone II System:	
✓	Flame traps - check cleanliness
✓	Air intake valve (flapper) - check condition
✓	Spark arrestor - check condition
System Pressure:	
MA	Fuel pressure@idle speed = psi
MA	Fuel pressure@1800 RPM = psi
✓	Oil pressure @ cold start 70 psi
✓	Oil pressure @ 180deg.F 65 psi
Certifications:	
✓	Sling condition/ Due on NOV 2024
✓	MPI due August 2025
✓	Visual Test due NOV 2024

Please state the equipment readiness

Ready	Not Ready
Ready to job	

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

Preventive Maintenance	Corrective Maintenance

NAME	POSITION	EXAMINER SIGNATURE	VERIFIED BY
Firman	CEO		

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
						✓	Open Yard
Equipment type : DID2000 Reel Frame		Location Mob/Demob: Aug 91 - 82801					
Equipment number : 17070101		Date : 8-7-2024					
Y	N	Checklist					
Appearance & Safety Equipment:							
✓		Ensure unit is clean					
✓		Physically check frames and skid for damages					
✓		Check walkway/ladder for any damages					
✓		Loads secured					
✓		Ensure anti slip installed at walkway/ladder					
Swivel and Fluid Manifold:							
✓		Manifold complete and secured					
✓		Grease plug valves and chiksans					
✓		Swivel bolts in place					
✓		Pressure test as required					
Reel Drive System:							
✓		Check drive chains condition and lubricate accordingly					
✓		Check chain case oil level					
✓		Grease main bearing accordingly					
✓		Check hydraulic hoses and connections for leaks/damages					
Reel Brake System:							
✓		Check for any damages					
✓		Test reel brake and drive system					
✓		Check drive chain tension					
Levelwind:							
✓		Test override clutch system					
✓		Check chains and leadscrew condition and operation					
✓		Visual check leadscrew yoke & leadcrew					
✓		Correct level wind sprocket for tubing					
✓		Check level wind trolley condition					
✓		Function test levelwind arm (up/down)					
Please state the equipment readiness							
Ready				Not Ready			
Ready for Next job							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman		GEO		[Signature]		[Signature] Tactica	

DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION

ON JOB	LOCATION

POST JOB	LOCATION
✓	open yard

Equipment type : DSQ4 Side Door Stripper
Equipment number : C70/SP5/01

Location Mob/Demob : Angus Bezar
Date : 4-7-2024

Y	N	Checklist
Appearance & Safety Equipment:		
✓		Ensure unit is clean
✓		Physically check body for damages
Connections:		
✓		Check for any leaks at connections
✓		Check threads condition
✓		Check hydraulic fittings and hoses condition
✓		Check seals faces and grooves
✓		Grease when required
✓		Plastic caps on all fittings
Stripper Elements:		
✓		Check packer elements condition
✓		Check energizer condition
✓		Check brass bushings condition
✓		Check non-extrusion rings condition
Seals & Back-up Rings:		
✓		Check M-seal and backup seal condition
✓		Check O-ring and backup seal on CB connection
Pressure & Function Test:		
✓		Test stripper pack and retract function
✓		Check communication with the cabin
✓		Pressure test as required (prior to load out)

Y	N	Checklist
Certifications:		
✓		Sling condition/ Due on
✓		MPI due 12/2/2025
✓		Visual Test due

Please state the equipment readiness

Ready

Not Ready

Ready to go

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

Preventive Maintenance

Corrective Maintenance

NAME

Firman

POSITION

CEO

EXAMINER SIGNATURE

[Signature]

VERIFIED BY

[Signature] Tachib

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DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION

ON JOB	LOCATION

POST JOB	LOCATION
✓	Open Yard

Equipment type : Dual Combi BOP	
Equipment number : CU / BOP / 01	
Y	N
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
✓	Visual check of bottom O- ring / back-up
✓	Visual check of bottom ring gasket BX155
Hydraulics & BOP Functions:	
✓	Check hydraulic hoses and connectors condition
✓	Check condition of hose canvas
✓	Manual lock - grease and function test
✓	Ram functions - cycle all rams (open & close)
✓	Indicators/ pins - ensure full movement
✓	Ram equalizing valve - function test
Pressure Test:	
✓	Pipe/Slip to 5000psi for 10 min
✓	Blinde/Shear ram to 5000 psi for 10 min
✓	Body to 5000 psi for 10 min
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 - Clean and grease
✓	Grease CB44 Pin & box connection
✓	Thread / Flanges protectors - installed

Location Mob/Demob : Anggi Besar	
Date : 25-7-2024	
Y	N
Checklist	
Certifications:	
✓	Sling condition/ Due on NOV 2024
✓	MPI due Feb 2025
✓	Visual Test due Nov 2024

Please state the equipment readiness

Ready

Not Ready

Ready for job

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

Preventive Maintenance

Corrective Maintenance

NAME

POSITION

EXAMINER SIGNATURE

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DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
				✓	Open Yard

Equipment type : Single BOP Shear/Seal
Equipment number : C7U / S BOP 101

Location Mob/Demob : Anasi Bx Sar
Date : 4-7-2024

Y	N	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
✓		Visual check of bottom O- ring / back-up
✓		Visual check of bottom ring gasket BX155
Hydraulics & BOP Functions:		
✓		Check hydraulic hoses and connectors condition
✓		Check condition of hose canvas
✓		Manual lock - grease and function test
✓		Ram functions - cycle all rams (open & close)
✓		Indicators/ pins - ensure full movement
✓		Ram equalizing valve - function test
Pressure Test:		
✓		Blind/Shear ram to 5000psi for 10 min
✓		Body to 5000psi for 10 min
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 - Clean and grease
✓		Grease CB44 Pin & box connection
✓		Thread / Flanges protectors - installed

Y	N	Checklist
Certifications:		
✓		Sling condition/ Due on 11-2024
✓		MPI due Feb 2025
✓		Visual Test due 11-2024

Please state the equipment readiness

Ready

Not Ready

Ready to job

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

Preventive Maintenance

Corrective Maintenance

Need to address

NAME	POSITION	EXAMINER SIGNATURE	VERIFIED BY
Firman	CEO	[Signature]	[Signature]

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Rev. No.: 01

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DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION

ON JOB	LOCATION

POST JOB	LOCATION
✓	Open Yard

Equipment type : CTU Injector Head HR680		
Location Mob/Demob : Argent Beach		
Equipment number : 020 / 1H / 01		
Y	N	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 380 psi
✓		Middle Traction 380 psi
✓		Lower Traction 380 psi
✓		Outside Tension 320 psi
Chains:		
✓		Chains in clean condition
✓		Check chain, rollers, bearings, pins & gripper blocks condition
✓		Check 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

Running Feet : 180		
Date : 1-7-2024		
Y	N	Checklist
Recording & Monitoring Devices:		
✓		Check operation & condition of friction wheel
✓		Electronics - check cables/connectors condition
✓		Depth counter - check alignment and condition
✓		Depth encoder - check condition and function test
✓		Wellhead pressure transducer - check condition
✓		Secure Load Cell - weight off load cell
Certifications:		
✓		Sling condition/ Due on 11-2024
✓		MPI due 11-2025
✓		Visual Test due 11-2024

Please state the equipment readiness

Ready

Not Ready

Ready to job

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

Preventive Maintenance

Corrective Maintenance

Perform maintenance

NAME

POSITION

EXAMINER SIGNATURE

VERIFIED BY

Farman

GEO

[Signature]

[Signature]

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DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION

ON JOB	LOCATION

POST JOB	LOCATION
✓	Open Yard

Equipment type : Equipment Transport Basket
Equipment number : E+V 02

Y	N	Checklist
Appearance & Safety Equipment:		
✓		Ensure unit is clean
✓		Skid condition - visually check for any damage
✓		Walkway/Ladders - check for any damage
✓		Ensure anti slip installed at walkway/ladder
✓		Ensure safety pin available for securing equipment inside ETB
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
✓		All protection caps and ID tags in place.
Corrosion, Dent, Defects in Weld		
✓		Check for rust in weld, no leaks
Safety Equipment and Certification		
✓		Visual inspection of all pad eyes and lifting gear
✓		Safety guards and rail in working condition

Location Mob/Demob : Augsi Besar
Date : 1-7-2024

Y	N	Checklist
Certifications:		
✓		Sling condition/ Due on Nov 2024
✓		MPI due Oct 2025
✓		Visual Test due Nov 2024

Please state the equipment readiness

Ready

Not Ready

Ready to job

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

Preventive Maintenance

Corrective Maintenance

NAME: Farman	POSITION: GEO	EXAMINER SIGNATURE: [Signature]	VERIFIED BY: [Signature]
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DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : Jacking Frame						✓	Open Yard
Equipment number : CTO/JF/01							
Location Mob/Demob : August 18 th 2024							
Date : 4-7-2024							
Y	N	Checklist					
Appearance & Safety Equipment:							
✓		Ensure unit is clean					
✓		Skid condition - visually check for any damage					
✓		Walkway/Ladders - check for any damage					
✓		Ensure anti slip installed at walkway/ladder					
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					
✓		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							
Ready				Not Ready			
Ready for job							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Forman		CEO		[Signature]		[Signature] Tarko	

DIMENSION BID

Equipment Maintenance Checklist 1

PRE JOB	LOCATION

ON JOB	LOCATION

POST JOB	LOCATION
✓	Open Yard

Equipment type : CTU Batch Mixer	
Location Mob/Demob : Agus Besar	
Equipment number : CTU / KMP / 01	
Y	N 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
Cooling System:	
✓	Coolant level & condition
✓	Check visible leaks
✓	Radiator hose & clamp condition
✓	Perform visual and physical check on radiator fin
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 (if applicable)
✓	Check condition of engine hoses
✓	Check for rusted part- repair/repaint if required
✓	Check the crankcase vent system for excessive blow by
✓	Check engine mounting condition - tight any loose bolt
Controls / Instrumentation:	
✓	Normal kill tested
✓	Emergency kill tested
✓	Oil pressure gauge in good condition
✓	Tachometer display in good condition
✓	Throttle control in good condition
✓	Engine stop cable/button in good condition
✓	Engine start cable/button in good condition
Exhaust System:	
✓	Pipework - check for any leak or damage
✓	Condition/Operation of exhaust flapper
✓	Condition of exhaust wrap are in place and in good condition
Transmission, Gearbox:	
✓	Check level Sight glass/dipstick shows in full (SAE 90)
✓	Check condition of the gearbox breather filter
Hydraulic System:	
✓	Check Hyd. Hoses/valve/connections undamaged and clean
✓	Hyd.tank - drain any water
✓	Check hydraulic oil level (2" from top) (Tellus 46)
✓	Check hydraulic gauges
✓	Check condition of fittings & couplings
Fuel System:	
✓	Check for any water contamination in the fuel filter sight bowl
✓	Check fuel tank breather cap condition
✓	Check for leaks on fuel lines, connections, and hoses
✓	Fuel filter - check condition
✓	Fill up the diesel tank to 90% (If applicable)
✓	Drain 1 litre fuel from drain valve

Running Hours : 56 hrs	
Date : 4-7-2024	
Y	N Checklist
Air System:	
✓	Check any visible leaks - ensure air up 90-110psi
✓	Gauges in good condition
✓	Air reservoir /tanks - drain any water
✓	Air hose, connections, piping, valves and actuators condition
✓	All pneumatic control valve working properly
✓	All gauges in good condition
Air Cleaner:	
✓	Check the element for water or soot and clean as required
Zone II System:	
✓	Flame traps - check cleanliness
✓	Air intake valve (flapper) - check condition
✓	Spark arrestor - check condition
Paddles / Aggitator:	
✓	Check oil level (SAE 90)
✓	Grease bearing
✓	Check agitators rotation
System Pressure:	
✓	Fuel pressure @ idle speed _____ psi
✓	Fuel pressure @ 1800 RPM _____ psi
✓	Oil pressure @ cold start 70 psi
✓	Oil pressure @ 180deg.F 70 psi
Certifications:	
	Sling condition/ Due on _____
	MPI due _____
	Visual Test due _____

Please state the equipment readiness

Ready

Not Ready

Ready to job

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

Preventive Maintenance

Corrective Maintenance

Perform Base Maintenance

NAME

POSITION

EXAMINER SIGNATURE

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Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
						<input checked="" type="checkbox"/>	Besar
Equipment type : Batch Mixer Tank							
Equipment number : C70 / BMD / 01							
Location Mob/Demob : Aug 91 Besar							
Date : 4-7-2024							
Y N Checklist		Y N 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					
<input checked="" type="checkbox"/>		Ensure anti slip installed at walkway/ladder					
Labelling							
<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					
<input checked="" type="checkbox"/>		Check for leakages or any damage at tank					
<input checked="" type="checkbox"/>		Check all piping,manhole covers,valves					
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					
Please state the equipment readiness							
Ready				Not Ready			
Ready to job.							
Maintenance type done.(Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
Perform basic maintenance							
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman		GEO					

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : Single Pump Unit						✓	Open yard
Location Mob/Dernob : Aug 1 B-sar							
Equipment number : 00 002							
Y	N	Checklist					
Appearance & 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					
Cooling System:							
✓		Coolant level & condition					
✓		Check visible leaks					
✓		Radiator hose & clamp condition					
✓		Perform visual and physical check on radiator fin					
Engine:							
✓		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 condition of engine hoses					
✓		Check for rusted part- repair/repaint if required					
✓		Check the crankcase vent system for excessive blow by					
✓		Check engine mounting condition - tight any loose bolt					
Controls / Instrumentation:							
✓		Normal kill and emergency kill tested					
✓		Check converter lock-up (if applicable)					
✓		Check all gauges are in good condition and working					
NA		Check (Rate+RPM) and (Pressure+OPS) condition					
✓		Throttle control in good condition					
✓		OPSD tested					
Exhaust System:							
✓		Pipework - check for any leak or damage					
✓		Condition/Operation of exhaust flapper					
✓		Condition of exhaust wrap are in place and in good condition					
Transmission, PTO & Drivelines:							
✓		Sight glass/dipstick shows in full (SAE 90)					
✓		Start & idle engine(5- Min) recheck oil level					
✓		Listen for excessive noise at PTO					
✓		Condition of transmission hoses & fittings					
✓		Grease U-joint & propeller shaft					
Hydraulic System:							
✓		Check Hyd. Hoses/valve/connections undamaged and clean					
✓		Hyd. tank - drain any water					
✓		Check hydraulic oil level (2" from top) (Tellus 46)					
✓		Check hydraulic gauges					
✓		Check condition of fittings & couplings					
Fuel System:							
✓		Check for any water contamination in the fuel filter sight bowl					
NA		Check fuel tank breather cap condition					
✓		Check for leaks on fuel lines, connections, and hoses					
✓		Fuel filter - check condition					
✓		Fill up the diesel tank to 90%					
✓		Drain 1 litre fuel from drain valve					
Running Hours : 134 H							
Date : 4-7-2024							
Y	N	Checklist					
Air System:							
✓		Check visible leaks					
✓		Gauges in good condition					
✓		Air reservoir /tanks - drain any water until that are clean					
✓		Air hose, connections, piping, valves and actuators condition					
✓		All pneumatic control valve working properly					
Air Cleaner:							
✓		Check the element for water or soot and clean as required					
Electronic Recording & Monitoring Devices:							
✓		Check all sensors condition					
✓		Check pump controls, rate and pressure devices.					
✓		Cables/connectors condition					
NA		Acquisition - check communication with software/hardware (if applicable)					
Zone II System:							
✓		Flame traps - check cleanliness					
✓		Air intake valve (flapper) - check condition					
✓		Spark arrestor - check condition					
Power End & Chain Case:							
✓		Check power end oil level & condition (SAE90)					
✓		Check chaincase oil level / Leaks (SAE40)					
NA		Grease chaincase bearing					
✓		Check hoses conditions for any leak					
✓		Check condition of breather					
Fluid End:							
✓		Check plungers condition. Plungers tight to pony rod.					
✓		Pressure sensor in place					
✓		Check plungers lubrication					
✓		Check lubrication (packing tank oil level)					
C-Pump & Piping:							
✓		Check C-Pump operation and record shut in pressure (>25 psi)					
✓		Grease butterfly valve					
✓		Check piping conditions and remove any dirt					
System Pressure:							
NA		Fuel pressure@idle speed _____ psi					
NA		Fuel pressure@1800 RPM _____ psi					
✓		Oil pressure @ cold start 30 psi					
✓		Oil pressure @ 180deg.F 30 psi					
Certifications:							
✓		Sling condition/ Due on NOV 2024					
✓		MPI due NOV 2024					
✓		Visual Test due NOV 2024					
Please state the equipment readiness							
Ready				Not Ready			
→ Ready for job							
Maintenance type done..(Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman L		GEO		[Signature]		[Signature] Tania	

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type : CTU Power Pack						<input checked="" type="checkbox"/>	Open Yard
Location Mob/Demob : AUGSI Besar							
Equipment number : CTU/PP/01							
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Checklist					
Appearance & Safety Equipment:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ensure unit appearance good and clean					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Verify that all earth/ground cables are in place, well connected					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Skid condition - visually check for any damage					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fire extinguisher is present and certified					
Cooling System:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Coolant level & condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check visible leaks					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Radiator hose & clamp condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Perform visual and physical check on radiator fin					
Engine:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check engine oil level (SAE 15W-40) not be milky or too dark					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check any general leaks on all filter, hoses, and connectors.					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check fan, hub, fanbelt condition/ tension					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check Battery cable connectors (if applicable)					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check condition of engine hoses					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check for rusted part- repair/repaint if required					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check the crankcase vent system for excessive blow by					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check engine mounting condition - tight any loose bolt					
Air Cleaner:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check the element for water or soot and clean as required					
Controls / Instrumentation:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Normal kill and emergency kill tested					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check all controls condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check all gauges are in good condition and working					
Exhaust System:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pipework - check for any leak or damage					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Condition/Operation of exhaust flapper					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Condition of exhaust wrap are in place and in good condition					
Gearbox:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check level Sight glass/dipstick shows in full (SAE 90)					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check condition of the gearbox breather filter					
Hydraulic System:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check Hyd. Hoses/valve/connections undamage and clean					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hyd.tank - drain any water					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check hydraulic oil level (2" from top) (Tellus 46)					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check hydraulic gauges					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check condition of fittings & couplings					
Fuel System:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check for any water contamination in the fuel filter sight bowl					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check fuel tank breather cap condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check for leaks on fuel lines, connections, and hoses					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fuel filter - check condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fill up the diesel tank to 90%					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Drain 1 litre fuel from drain valve					
Running Hours : 1619 Hours 9388							
Date : 4-7-2024							
<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Checklist					
Electrical System							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check batteries condition and voltage					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check alternator belt- 1/2-in to 3/4-in yield and wiring					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cables/connectors condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Retie and clean cables/connectors connection					
Air System:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check visible leaks					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Air reservoir - drain any water					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Air hose,connections, piping, valves and actuators condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All pneumatic control valve working properly					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Gauges in good condition					
Zone II System:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Flame traps - check cleanliness					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Air intake valve (flapper) - check condition					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Spark arrestor - check condition					
Accumulator:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Priority 1400 psi (Prior to load out)					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BOP 1400 psi (Prior to load out)					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Charge 1800 psi (Prior to load out)					
Hydraulic System Pressure:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Priority circuit 2800 psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BOP circuit 2800 psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Levelwind circuit 2900 psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auxiliary Circuit 2800 psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reel Circuit 2800 psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Injector circuit 2800 psi					
System Pressure:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fuel pressure@idle speed MA psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fuel pressure@1800 RPM MA psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Oil pressure @ cold start 70 psi					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Oil pressure @ 180deg.F 80 psi					
Certifications:							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sling condition/ Due on NOV 2024					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MPI due NOV 2025					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Visual Test due NOV 2024					
Please state the equipment readiness							
Ready				Not Ready			
<p>- Unit in good condition</p> <p>- Ready for job</p>							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
<p>For forum base maintenance</p>							
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman		CEO					

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
						✓	Open Yard
Equipment type : CTU Control Cabin		Location Mob/Demob : ANSI BCSA					
Equipment number : CTU/CC/01		Date : 4-7-2024					
Y	N	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 operation					
✓		Check internal and external lighting is operational					
✓		Lighting system all in working condition					
✓		Windscreen in good condition (No crack or damage)					
✓		Air conditioner working in good 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/secured					
NA		Condition/Operation of rain cap					
NA		Condition of exhaust wrap					
Controls:							
✓		Function test emergency kill					
✓		Function test engine shut-down					
✓		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							
Ready				Not Ready			
- Unit Ready to Operation							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
Perform basic maintenance							
NAME F. M. M.		POSITION GEO		EXAMINER SIGNATURE 		VERIFIED BY 	
Doc. Ref. No.: CTS-FORM-16				CONTROLLED COPY			
Rev. No.: 01							
Effective Date: 01/02/2022							
(Rev. 00, Dated: 01/11/16-OBSOLETE)							

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
						✓	upon yard
Equipment type : Iron Rack		Location Mob/Demob : Aug 9 th B-501					
Equipment number : CTU / 12/102		Date : 4-7-2024					
Y	N	Checklist					
Appearance & Safety Equipment:							
✓		Ensure unit is clean					
✓		Physically check frames and skid for damages					
✓		Loads secured					
Inventory:							
✓		Swivel 2 ways 2" male x 2" fem. 1502 <u>10</u> pcs					
✓		Swivel 3 ways 2" male x 2" fem. 1502 <u>5</u> pcs					
✓		Swivel double wing <u>2</u> pcs					
✓		Grant C/V 2" male x 2" fem. 1502 <u>1</u> pcs					
✓		Plug valve 2" x 2" <u>12</u> pcs					
✓		Plug valve 2" x 1" <u>5</u> pcs					
✓		Tee 2" <u>6</u> pcs					
✓		Double thread <u>2</u> pcs					
✓		Double wing <u>2</u> pcs					
✓		Pup-joints, 4ft <u>4</u> pcs					
✓		Straight Joints, 10ft <u>10</u> pcs					
✓		Straight Joints, 8ft <u>6</u> pcs					
✓		Loops <u>1</u> pcs					
✓		Lateral <u>1</u> pcs					
✓		Safety cable ,Shackle & cable clip					
Please state the equipment readiness							
Ready				Not Ready			
Ready For job.							
Maintenance type done. (Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
Firman		CEO		[Signature]		[Signature] Tarko	