

Title	Equipment Operation Under Supervision					
Target Population	Field Engineers, Field Specialists & Equipment Operators					
This requirement is applicable to:	✓	JFE	✓	FST	✓	EOT
					✓	EO1
					✓	EO2
					✓	EO3

Objective:

The objective of this task is to evaluate and verify the employee's skills and knowledge in operating the following equipment efficiently under supervision:

Description		JFE	FST	EOT	EO1	EO2	EO3
1	Batch Mixer	✓	✓	✓			
2	Fluid Pumping Unit	✓	✓		✓		
3	Nitrogen Converter (pump & tank?)	✓	✓			✓	
4	Coiled Tubing Unit	✓	✓				✓

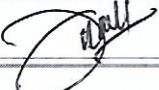
IMPORTANT NOTE: Please submit one (1) task sheet for each equipment

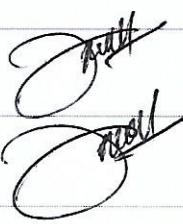
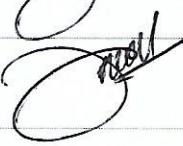
Tasks:

A mentor or any experienced team member assigned by the mentor will guide the employee to complete this task.

The assigned mentor is expected to train the employee and to conduct an evaluation to ensure that the employee achieves the required competency level for his position.

The employee should complete the following tasks:

NO	TASK	STATUS/DATE	MENTOR NAME/SIGN
1	Under the guidance of your assigned mentor, learn about equipment at the location and the important devices installed The employee must understand the design and the functions of the equipment as well as its components	- Done & Completed	
2	Understand the basic operation as well as safety related issues	- achieved	
3	Learn how to run the equipment safely and efficiently from the assigned mentor	- perform	
4	Perform pre and post job EMC 1 effectively for the unit	- Done & Complete	
5	Participate in the maintenance activity for the unit	- participated	

6	Operate the equipment under supervision in actual jobs	- Perform is completed	
7	Review and agree performance of each task with your Mentor in order to validate its completion	- Done	

REQUIRED EVIDENCE:

- 1 CTS-FORM-90 Coiled Tubing Performance Assessment Feedback
- 2 EMC 1 for the specified equipment

DIMENSION BID

CTS TASK SHEET

MENTOR / ASSESSOR'S FEEDBACK:

NO	TASK	FEEDBACK
1	The employee demonstrates good knowledge of the design and the functions of the equipment and its components	- Achieved
2	The employee understands the basic operation as well as the safety related issues	- Enriched by good knowledge.
3	The employee demonstrates required skills and knowledge to perform pre and post job EMC 1 effectively for the unit	- Perform
4	The employee is ABLE to operate the Batch Mixer / Fluid Pumping Unit / Nitrogen Converter / Coiled Tubing Unit UNDER SUPERVISION in actual jobs [please circle the relevant equipment] Note: Please specify the job supported by CTS-FORM-90 Coiled Tubing Performance Assessment Feedback	- Employee is able to operate the equipment as SOP

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

MENTOR / ASSESSOR's Comments & Recommendation:

- Employee has a good knowledge, good hands & skills
- Improved more calculation for operation for add knowledge.
- Attend Nov course for additional knowledge

Signature		Assessment Date	27/10/24
Name	MUHAMMAD WIZAN	Position	FS 2

FSM / OM Comments & Recommendation:

- Understand fundamental NCV operation.
- Able to operate NCV under minimum supervision.

Signature		Assessment Date	31/12/24
Name	M. KHAIRUL RIDHWAN AZIZAN CTS FIELD SERVICE MANAGER Dimension Bid (M) Sdn Bhd	Position	FSM

DIMENSION BID

Equipment Maintenance Checklist 1		PRE JOB	LOCATION	ON JOB	LOCATION	POST JOB	LOCATION
Equipment type	: Nitrogen Converter						
Location Mob/Demob	: Unitary Charlie						
Equipment number	: CNU/SE/NON/INV/00211002						
Y N 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 at radiator <input checked="" type="checkbox"/> Check coolant level & condition at expansion tank <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 <input checked="" type="checkbox"/> Perform visual and physical check on radiator fin							
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 condition of engine hoses <input checked="" type="checkbox"/> Check for rusted part- repair/repaint if required <input checked="" type="checkbox"/> Check the crankcase vent system for excessive blow by <input checked="" type="checkbox"/> Check engine mounting condition - tight any loose bolt							
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 exhaust flapper <input checked="" type="checkbox"/> Condition of exhaust wrap are in place and in good condition							
Hydraulic System:							
<input checked="" type="checkbox"/> Check Hyd. Hoses/valve/connections undamaged and clean <input checked="" type="checkbox"/> Hyd.tank - drain any water <input checked="" type="checkbox"/> Check hydraulic oil level (2" from top) (Telius 46) <input checked="" type="checkbox"/> Check hydraulic gauges <input checked="" type="checkbox"/> Check condition of fittings & couplings							
Fuel System:							
<input checked="" type="checkbox"/> Check for any water contamination in the fuel filter sight bowl <input checked="" type="checkbox"/> Check fuel tank breather cap condition <input checked="" type="checkbox"/> Check for leaks on fuel lines, connections, and hoses <input checked="" type="checkbox"/> Fuel filter - check condition <input checked="" type="checkbox"/> Fill up the diesel tank to 90% (If applicable) <input checked="" type="checkbox"/> Drain 1 litre fuel from drain valve							
Please state the equipment readiness							
<input checked="" type="checkbox"/> Ready Ready to use for next job							
Maintenance type done.(Please state if any spare used)							
Preventive Maintenance				Corrective Maintenance			
NAME		POSITION		EXAMINER SIGNATURE		VERIFIED BY	
MUHAMMAD MUNIB BURHAN		Geo EO				Dawarsto	

DIMENSION BID

COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 1: To be completed by Assessor [WEIGHT: 40%]

Name	MOHD BURHAN BIN YUSOF	COB Date	13-Jun-23
Position	Equipment Operator 2	RTB Date	10-Jul-23
Client	PCSB	Location	DULANG D
Platform	DULANG	Well	D-15L
Assessed By	NAMA : MUHAMMAD WIZAN BIN SIDEK	POSITION :	Supervisor Coil Tubing

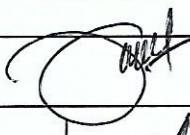
RATING LEGEND:

STRONG	Performance consistently exceeded expectations in all essential areas of responsibility, and the quality of work overall was excellent
ADEQUATE	Performance consistently met expectations in all areas of responsibility, at times possibly exceeding expectations, and the quality of work overall was very good
IMPROVEMENT NEEDED	Performance did not consistently meet expectations - performance failed to meet expectations in one or more essential areas of responsibility

Assessment Criteria	Rating (Please ✓ where appropriate)								
	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
Safety Awareness (20%)	10	9	8	7	6	5	4	3	2
a. Usage of Personal Protective Equipment		✓							
b. Participation in UAUC			✓						
c. Understanding of PTW System		✓							
d. Worksite House Keeping			✓						
Work Performance (20%)	✓								
e. Initiative and Creativity				✓					
f. Decision Making Capability				✓					
g. Understanding of Job Scope				✓					
h. Tools Inventory and Reporting				✓					
i. Work Quality				✓					
j. Reporting					✓				
k. Punctuality and Time Keeping					✓				
l. Teamwork					✓				
m. Communication						✓			
n. Leadership Skills							✓		
o. Adaptability to Work Environment/Surrounding							✓		
p. Attitude								✓	
q. Discipline									✓

REMARKS/COMMENTS/FEEDBACK ON PERFORMANCE OR AREAS OF IMPROVEMENT:

- Perform as per task given
- Good skills
- Improved for more skills & knowledge for future & career develop

Assessed By [Supervisor]	
Name	MUHAMMAD WIZAN
Date	10/07/23

DIMENSION BID

COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 2: To be completed by Employee and Assessor [WEIGHT: 60%]

Type of Task	Tasks Performed	Assessor Comment									
1. Pre-Job Preparation	1. Attend toolbox and morning meeting with CSR. 2. Pre-check/EMC1 all CTU equipment before run the job. 3. Assisted crew in lifting all CTU equipment and spot unit. 4. Pre-check/EMC1 all CTU equipment before run the job. 5. Prepare supporting document prior load out. 6. Split crew to day and night shift after complete rig up CTU equipment.	- Done & perform									
		Rating (by SUPERVISOR)		STRONG		ADEQUATE		IMPROVEMENT NEEDED			
		10	9	8	7	6	5	4	3	2	
2. Surface Equipment Rig-up	1. Rig up 4" hose from FST to batch mixer and single pump . 2. Rig up treating iron from single pump to combi bop . (Kill line port) 3. Assist Cetco to rig up line flowback to overboard line and flowline well 4. Spot/arrange flood light, control cabin and tool container electric cable to junction box. 5. Rig up water injection line from wel to fluid storage tank. 6. Rig up wilden pump, 2" spring hose and air hose	- Done & perform - Participated									
		Rating (by SUPERVISOR)		STRONG		ADEQUATE		IMPROVEMENT NEEDED			
		10	9	8	7	6	5	4	3	2	
3. Tools / Equipment Preparation	1. Installing air hose from compressor to SPO2, BMX02 and wilden pump . 2. Perform EMC1 on Air Compressor and Genset for pre job. 3. Fuel up all CTU equipment. 4. Redress 2x1 plug valve	- Done & perform									
		Rating (by Operator)		STRONG		ADEQUATE		IMPROVEMENT NEEDED			
		10	9	8	7	6	5	4	3	2	
4. Equipment	4.1 Batch Mixer 1. Assist operator to mixing Chemical for operation 2. Function test C-pump and actuator of batch mixer 3. Assist Batch Mixer Operator to mix chemical. 4. Assist to mix TIW on fluid storage tank 5. Assist chemical specialist on preparation of Pickling acid.	- Done & perform - Participated									
		Rating (by SUPERVISOR)		STRONG		ADEQUATE		IMPROVEMENT NEEDED			
		10	9	8	7	6	5	4	3	2	
Employee was able to OPERATE the equipment:					Under Supervision						
					Standalone						

DIMENSION BID

COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 2: To be completed by Employee and Assessor [WEIGHT: 60%]

Type of Task	Tasks Performed	Assessor Comment													
<p>4.2 Pump Unit</p> <p>1. Connect hydraulic hose. 2. Install universal shaft. 3. Greasing shaft. 4. Replace rubber insert and packing plunger. 5. Rig up pumping line to ct reel and kill line to bop. 6. Priming pump before start pumping.</p>	<ul style="list-style-type: none"> - Perform task - Stand alone while operation. - Learn more skill. → Operated SPS → Troubleshoot 														
	Rating (by SUPERVISOR)			STRONG		ADEQUATE			IMPROVEMENT NEEDED						
				10	9	8	7	6	5	4	3	2			
<p>Employee was able to OPERATE the equipment:</p> <table border="1"> <tr> <td>Under Supervision</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Standalone</td> <td><input checked="" type="checkbox"/></td> </tr> </table>											Under Supervision	<input checked="" type="checkbox"/>	Standalone	<input checked="" type="checkbox"/>	
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<p>4.3 Nitrogen Pump unit & Nitrogen Tank</p> <p>1. Assist crew to rig up 2" HP treating line to CT reel and include bleed off line. 2. Assist crew to rig up cryogenic hose from N2 tank to inlet and outlet line on NCV. 3. Assist N2 operator to troubleshoot and maintenance NCV 4. Assist Spot NCV and N2 tank on main deck 5. Assist N2 Operator operate N2 during operation 6. Transfer N2 From spare tank to working tank 7. Countdown NCV UNDER SUPERVISION from N2 operator and supervisor during operation</p>	<ul style="list-style-type: none"> - Perform - Learn N2 operation after PWS - Add knowledge for N2 skill operation - Calibration - Troubleshoot 														
	Rating (by SUPERVISOR)			STRONG		ADEQUATE			IMPROVEMENT NEEDED						
				10	9	8	7	6	5	4	3	2			
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<p>4.4 Power Pack</p> <p>1. Assist to rig up hydraulic power hose to Injector Head. 2. Assist to rig up hose from CTU Power Pack to Control Cabin</p>	<ul style="list-style-type: none"> - Perform & participated 														
	Rating (by SUPERVISOR)			STRONG		ADEQUATE			IMPROVEMENT NEEDED						
				10	9	8	7	6	5	4	3	2			
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Standalone	<input type="checkbox"/>														
<p>4.5 Control Cabin</p> <p>1. Assist crew rig up hydraulic hose and connected to CT Reel, Injector Head and BOP.</p>	<ul style="list-style-type: none"> - Perform & participated 														
	Rating (by SUPERVISOR)			STRONG		ADEQUATE			IMPROVEMENT NEEDED						
				10	9	8	7	6	5	4	3	2			
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DIMENSION BID

COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 2: To be completed by Employee and Assessor [WEIGHT: 60%]

Type of Task	Tasks Performed	Assessor Comment																												
	<p>4.6 CT Reel</p> <p>1. Assist to connect hydraulic hose from control cabin. 2. Assist crew to flag coil at target depth 3. Assist crew to install crash guard on CIDF reel. 4. Rig up swivel in reel. 5. Assist crew install CT Drum into CIDF. 6. Assist crew to install horse head at CIDF</p>	<p>- Participated</p>																												
	<p>Rating (by SUPERVISOR)</p> <table border="1"> <tr> <td colspan="3">STRONG</td> <td colspan="3">ADEQUATE</td> <td colspan="4">IMPROVEMENT NEEDED</td> </tr> <tr> <td>10</td> <td>9</td> <td>8</td> <td>7</td> <td>6</td> <td>5</td> <td>4</td> <td>3</td> <td>2</td> </tr> </table>	STRONG			ADEQUATE			IMPROVEMENT NEEDED				10	9	8	7	6	5	4	3	2										
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	<p>4.7 Injector Head</p> <p>1. Assist crew to install injector head on top of jacking frame. 2. Assist crew to install goose neck on top of injector head. 3. Assist crew to install auxiliary hose at injector head. 4. Assist crew to stab in coil to injector head. 5. Assist crew top up Injector Lube Oil before start job.</p>	<p>- Participated</p>																												
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	<p>4.8 Pressure Control Equipment</p> <p>1. Assist to connect hydraulic hose from Control Cabin to SBOP and Combi. 2. Assist crew to redress Combi Bop .Clean up blind sheer and pipe slip. 3. Assist crew replace rubber stripper 4. Rig up Riser from BOP to Wellhead crossover</p>	<p>- Participated</p>																												
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	<p>4.9 Basic BHA Components</p> <p>1. Assist crew to make up BHA. 2. Assist CT Supervisor to prepare BHA to be use during job. 3. Assist crew to make up tools(Connector,MHA) 4. Assist to break tools while surface and before RIH</p>	<p>- Participated</p>																												
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<p>Employee was able to OPERATE the tools:</p> <table border="1"> <tr> <td colspan="2">Under Supervision</td> <td colspan="2"><input checked="" type="checkbox"/></td> <td colspan="2">Standalone</td> <td colspan="2"><input type="checkbox"/></td> <td colspan="4"></td> </tr> </table>	Under Supervision		<input checked="" type="checkbox"/>		Standalone		<input type="checkbox"/>																							
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COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 2: To be completed by Employee and Assessor [WEIGHT: 60%]

Type of Task	Tasks Performed			Assessor Comment						
5. Job Supervision (if applicable) <i>Please complete this section if you perform any supervisory role during operation</i>										
Rating (by SUPERVISOR)		STRONG			ADEQUATE			IMPROVEMENT NEEDED		
		10	9	8	7	6	5	4	3	2
Please <input checked="" type="checkbox"/> accordingly to confirm the role of the employee during operation						Full Supervisor				
						2nd / Night Supervisor				

DIMENSION BID

COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 3: To be completed by Employee and Assessor

DATE	Assignment/Summary Job/Duration	Supervisor's Feedback (Please indicate if employee is able to execute the job <u>UNDER SUPERVISION</u> or <u>STANDALONE</u>)
6/2023 TO 10 JUL	<p>CTU perform sand clean out with N2 on Well D-15L.</p> <ol style="list-style-type: none"> 1.Skid Jacking frame on Well D-15L 2.Prepare BHA for RIH 3Pressure test line 4.Start RIH and monitor Pumping pressure during RIH 4.pumping TIW with 0.3bpm with 300scfm N2 5.pumping TIW with 0.5bpm with 400scfm N2 5.Minimum pump rate 0.3bpm,max to 0.5bpm 6.minimum gas rate N2 at 300 scfm,maximum up to circulation pressure 7.once complete,POOH Coil tubing to surface 8.Secure Wellhead(MV and CV) 9.Operate NCV unit Under Supervision by supervisor on site 	<ul style="list-style-type: none"> - Employee execute under supervision - Good to understand job flow • Rig up • Operation • Rig down process

Please tick (✓) category of services performed:

Standard Services:

Wellbore Cleanout
CT Cementing
Nitrogen Operations
Pumping Services

<input checked="" type="checkbox"/>

Advanced Services

CT Fishing
CT Milling
CT Logging
CT Perforation
