



# TASK ASSESSMENT FOR SLICKLINE ASSISTANT

## UNIT: SURFACE EQUIPMENT

NAME	Ryan Gia Smith
EMPLOYMENT DATE	2024
PERFORMANCE CRITERIA	<ol style="list-style-type: none"> <li>1. Equipment design / technical specification / features: Know and understand equipment design / technical specifications / features</li> <li>2. Equipment operation: Able to operate the equipment</li> <li>3. Equipment maintenance / care: Able to perform equipment recommended care / maintenance</li> </ol>

### ASSESSMENT RESULT SUMMARY

Element of Competency	Score	Assessed By	Assessment Date	Verified By FSM / OM	Verification Date
1. Reel Skid Unit	8		12.8.24		
2. Power Pack	7				
3. Air Compressor	6				
4. Control Panel	7				
5. High Pressure Test Pump	6				
<b>Total Score</b>	<b>34/50</b>				
<b>%</b>	<b>68</b>				

GAZALI MEHRY  
 Operation Manager  
 Dimension Bid (M) Sdn Bhd  
 Labuan Warehouse  
 Slickline Services

**Important Note:** The minimum passing score is 60%. If the score falls below minimum passing score, the employee must repeat the assessment

Assessor's Comments & Recommendation  <div style="font-size: 1.2em; font-family: cursive;">competent</div>
FSM / OM Comments & Recommendation  

## REEL SKID UNIT - SLIMLINE UNIT - SPOOLING UNIT

THEORY	COMMENT
1. Identify the Reel Skid Unit and explain the function	Able to explain function RSU type
2. Show where the following components allocated at RSU and explain the function	} Able to identify each component and explain the function
i. Double AA Valve ✓	
ii. 4 – 2 Way Directional Control Valve ✓	
iii. Selector Gear Speed ✓	
iv. Pressure Wheel ✓	
v. Counter Wheel ✓	
vi. Odometer ✓	
vii. Right Angle Drive ✓	
viii. Odometer Cable ✓	
ix. Wire Roller Guide ✓	
x. Hydraulic Pump Motor ✓	
xi. Selector Gear Drum ✓	
xii. Hand Break ✓	
xiii. Wire ✓	
xiv. Weight Indicator and Load Cell ✓	
xv. Wire Drum Pillow Bearing ✓	
3. Explain how the Reel Skill Unit operating ✓	Able to demonstrate RSU ops
4. What should you check BEFORE operating the Reel Skid Unit (Show the Start – Up maintenance Checklist and understand requirement)	✓
5. What is the most important thing to check before and during use of the weight indicator?	✓
6. When flushing / recharging with the recommended Martin Decker W-15 fluid, what precautions should be taken?	✓
7. How often should the weight indicator be calibrated?	✓
6. What is the recommended gap in the load cell?	✓
7. What is the purpose of the glycerin fluid in the gauge?	✓
10. Can other fluids be used in the system? Why?	✓
<b>Practical</b>	
1. Show how to carry out following basic maintenance	} Perform basic maintenance competency
i. Greasing bearing	
ii. Re-tighten bolt and nut	
iii. Lubricate wire while RIH	
iv. Re-Tension Dual Drive Chain	
v. Lubricate Odometer and Odometer Cable	
vi. Protect bolt, nut, fitting etc with Denso Tape (Grease Tape)	

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

Comments by Assessor (COMPULSORY):

Ryan able to identify & perform basic maintenance on RM

Signature	<i>Alleyson</i>	Assessment Date	<i>11/8/2024</i>
Name	<i>Alleyson Akin</i>	Position	<i>FSM</i>

## POWER PACK

THEORY	COMMENT
1. Identify the Diesel and explain its function <i>PP</i>	✓
2. Show where the following components allocated at Power Pack and explain the function <ul style="list-style-type: none"> <li>i. Air Starter ✓</li> <li>ii. Fan Belt ✓</li> <li>iii. Fan Belt Tensioner Pulley ✓</li> <li>iv. Radiator ✓</li> <li>v. Hydraulic Coolant ✓</li> <li>vi. High Pressure Hydraulic Pump ✓</li> <li>vii. Pressure Reducing Valve ✓</li> <li>viii. Throttle ✓</li> <li>ix. Emergency Knob ✓</li> <li>x. Stop Knob ✓</li> <li>xi. RPM, Pressure and Temperature Gauge ✓</li> <li>xii. Electrical Motor (Electrical Power Pack) <i>NA</i></li> <li>xiii. ON/OFF Switch (Electrical Power Pack) <i>NA</i></li> <li>xiv. Armoured Cable (Electrical Power Pack) <i>NA</i></li> </ul>	} Able to identify } explain each function
3. Explain how the following Power Pack operating <ul style="list-style-type: none"> <li>i. Diesel Power Pack</li> </ul>	* Explain diesel engine function
4. What should you check BEFORE you start the Power Pack (show the Start-up Maintenance Checklist and explain the requirement)	✓
5. What are the safety precaution to be alert with while Power Pack is running	✓
6. If the diesel engine will not start, what are the 2 things you should check first?	✓
7. How many forward gears does the wireline unit have? /	lightline PP + RSU
<b>Practical</b>	
1. Explain how to start the Diesel Power Pack and show how to hook-up 1" and 1-1/4" Hydraulic Hose	✓
2. How to carry-out following basic maintenance <ul style="list-style-type: none"> <li>i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape) ✓</li> <li>ii. Re-tighten bolt and nut ✓</li> <li>iii. Protect 1" and 1-1/4" Hydraulic Hose Connection ✓</li> <li>iv. Clean up Air Filter with air ✓</li> <li>v. Re-tension Fan Belt ✓</li> </ul>	} Performed basic maintenance
3. Identify the DAILY pre-start check points ✓	

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

Comments by Assessor (COMPULSORY):

Competen to operate PP. Perform basic preservation maintenance

Signature	<i>Alleyson</i>	Assessment Date	12.8.24
Name	Alleyson Akin	Position	PSM

## AIR COMPRESSOR

THEORY	COMMENT
1. Identify the Portable Air Compressor and explain its function	/
2. Show where the following components allocated at Air Compressor and explain the function <ul style="list-style-type: none"> <li>i. Starter /</li> <li>ii. ON / OFF Switch NA</li> <li>iii. Fan Belt /</li> <li>iv. Fan Belt Tensioner Pulley ✓</li> <li>v. Hydraulic Coolant</li> <li>vi. Battery NA</li> <li>vii. Compressor Tank and Compressor Tank Drainage Line ✓</li> <li>viii. Air Outlet /</li> <li>ix. Alternator NA</li> <li>x. Fuel Injection Pump ✓</li> <li>xi. Pressure Gauge ✓</li> </ul>	} Identify each comp function
3. Explain how to start the Air Compressor /	Spring starter ops
4. What should you check BEFORE you start the Air Compressor (show the Start-up Maintenance Checklist and explain the requirement)	/
5. What are the safety precaution to be alert with while Air Compressor is running	/
6. Why contaminated water should be drained from Compressor Tank before starting the Air Compressor	/
<b>Practical</b>	
1. Show how to carry-out following basic maintenance	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape) /	} competent
ii. Re-tighten bolt and nut /	
iii. Check Compressor Hyd Oil Level and fill-up if necessary /	
iv. Re-tension Fan Belt /	
v. Service ON/OFF Switch NA. on/off switch missing in Ac.	

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

Comments by Assessor (COMPULSORY):

- can line up & start up Ac

Signature	<i>Alleyson</i>	Assessment Date	12.8.24
Name	Alleyson Akni	Position	FSM

## CONTROL PANEL

SWCP & CP

THEORY	COMMENT
1. Identify the Portable Control Panel and explain its function	Identify CP & SWCP
2. Show where the following components allocated at Air Compressor and explain the function	Identify from RMZ CP & SWCP
i. Air Isolator ✓	
ii. Pressure Reducing Valve for TRSCSSV & SDV ✓	
iii. Pressure Reducing Valve for BOP ✓	
iv. TRSCSSV Isolator Valve ✓	
v. SDV Isolator Valve ✓	
vi. Emergency Isolator Valve ✓	
vii. 2 Way BOP Control Panel ✓	
viii. Stuffing Box Isolator Valve ✓	
ix. Accumulator Tank ✓	
x. Hand Pump ✓	
xi. Map & Pressure Manifold to be installed at Control Panel & X-mas Tree ✓	
xii. Air Operated Pump ✓	
3. Explain how to open Control Panel - TRSCSSV, SDV, BOP, Accumulator Tank and Stuffing Box ✓	
4. What should you check BEFORE you start the Control Panel (show the Start-up Maintenance Checklist and explain the requirement) ✓	
5. What are the safety precaution to be alert with while operating Control Panel ✓	
7. Why contaminated water should be drained from Air Hose before starting the Control Panel? ✓	
<b>Practical</b>	
1. How to carry-out following basic maintenance	Competent to service Happed pump, regulator. perform troubleshooting (minor)
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape) ✓	
ii. Re-tighten bolt and nut ✓	
iii. Caring of pressure gauge ✓	
iv. Service Air Operated Pump Exhaust ✓	
v. Check Hydraulic Oil Level and fill-up if necessary ✓	
vi. Release contaminated water form Air Isolator ✓	
vii. Release pressure in system upon completed job ✓	
viii. Take out ¼" Snap Tite from Control Panel and service ✓	
ix. Pressure Manifold to be installed at Control Panel ✓	
2. Show how to hook-up ¼" Hydraulic Hose to the following:	
i. Pressure Manifold / TRSCSSV ✓	
ii. Stuffing box ✓	
iii. BOP ✓	
3. Perform Pre & Post Job Check (use Pre & Post Job Check List) ✓	

OVERALL SCORE	STRONG			ADEQUATE		IMPROVEMENT NEEDED			
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				7					

Comments by Assessor (COMPULSORY):

\* R/u swcp. test swcp line & bleed down the line. Ryan is competent to operate swcp.

Signature	<i>Alleyson</i>	Assessment Date	12.8.24
Name	Alleyson Akin	Position	FSM

## HIGH PRESSURE TEST PUMP

THEORY	COMMENT
1. Identify the High Pressure Test Pump and explain its function	✓ Able to identify test pump
2. Show where the following components allocated at Air Compressor and explain the function i. Air Isolator ✓ ii. Pressure Isolator Valve ✓ iii. Dump Valve ✓ iv. Low Pressure Air Operated Pump ✓ v. High Pressure Air Operated Pump ✓ vi. Outlet Pressure Line ✓	} Able to show and explain function of each components
3. Explain how to operate Test Pump	✓
4. What is the Working Pressure for Test Pump?	✓
5. What should you check BEFORE you start the Test Pump (Show the Start-Up Maintenance Checklist and understand the requirement)	✓
6. What are the safety precaution to be alert with while operating Test Pump?	✓
5. Why the system should be flushed with Hydraulic Oil?	✓
<b>Practical</b>	
1. Show how to carry-out following basic maintenance	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)	} shows how to prepare equipment
ii. Re-tighten bolt and nut	
iii. Caring of pressure gauge	
iv. Check Water Level and fill-up if necessary	
v. Release contaminated water from Air Isolator	
vi. Release pressure in system upon completed job	
vii. Flush the system with Hydraulic Oil	
2. Perform pressure test against 3 sections lubricator	✓
3. Perform Pre & Post Job Check (use Pre & Post Job Check List)	✓

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

Comments by Assessor (COMPULSORY):

Competent to ~~perf~~ r/u & operate test pump

Signature	<i>Alleyson</i>	Assessment Date	12.8.24
Name	Alleyson Akin	Position	FSM

