TASK ASSESSMENT FOR SLICKLINE ASSISTANT

UNIT: SURFACE EQUIPMENT

NAME	Muhd Aqish Zainudin
EMPLOYMENT DATE	Feb 24
PERFORMANCE CRITERIA	1. Equipment design / technical specification / features: Know and understand equipment design / technical specifications / features 2. Equipment operation: Able to operate the equipment 3. Equipment maintenance / care: Able to perform equipment recommended care / maintenance

ASSESSMENT RESULT SUMMARY

Element of Competency	Score	Assessed By Champion / Senior Mechanic	Assessment Date	Verified By FSM / OM	Verification Date
1. Reel Skid Unit	7/10 (A)	Alleyson		GAZALI MEHRY Operation Manager Dimension Bid (M) Sdn Bhd Labuan Warehouse Slickline Services	28/6/24
2. Power Pack	7/10 (A)				
3. Air Compressor	7/10 (A)				
4. Control Panel	8/10 (A)				
5. High Pressure Test Pump	8/10 (A)				

Important Note: The minimum passing score is "Adequate". If the score falls below "Adequate" the employee must repeat the assessment

Assessor's Comments & Recommendation competent
FSM / OM Comments & Recommendation

REEL SKID UNIT - SLIMLINE UNIT - SPOOLING UNIT

THEORY	COMMENT
1. Identify the Reel Skid Unit and explain the function	✓
2. Show where the following components allocated at RSU 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	✓
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?	✓
Practical	
1. Show how to carry out following basic maintenance 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

Comments by Assessor (COMPULSORY):			
Competent			
Signature	Alleyson	Assessment Date	28.6.24
Name	Alleyson Akin	Position	FSM

Comments by Verifier:			
Signature		Assessment Date	28/6/24
Name	GAZALI MEHRY Operation Manager Dimension Bid (M) Sdn Bhd Labuan Warehouse Slickline Services	Position	

POWER PACK

THEORY	COMMENT
1. Identify the Diesel and explain its function	✓
2. Show where the following components allocated at Power Pack and explain the function	
i. Air Starter	✓
ii. Fan Belt	✓
iii. Fan Belt Tensioner Pulley	✓
iv. Radiator	✓
v. Hydraulic Coolant	✓
vi. High Pressure Hydraulic Pump	✓
vii. Pressure Reducing Valve	✓
viii. Throttle	✓
ix. Emergency Knop	✓
x. Stop Knob	✓
xi. RPM, Pressure and Temperature Gauge	✓
xii. Electrical Motor (Electrical Power Pack)	✓
xiii. ON/OFF Switch (Electrical Power Pack)	✓
xiv. Armoured Cable (Electrical Power Pack)	✓
3. Explain how the following Power Pack operating	
i. Diesel Power Pack	✓
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?	✓
Practical	
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	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)	✓
ii. Re-tighten bolt and nut	✓
iii. Protect 1" and 1-1/4" Hydraulic Hose Connection	✓
iv. Clean up Air Filter with air	✓
v. Re-tension Fan Belt	✓
3. Identify the DAILY pre-start check points	✓

Overall Score ☐ Strong ☑ Adequate ☐ Improvement Needed

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Name	Alleyson Akin	Position	FSM

Comments by Verifier:			
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Name		Position	

AIR COMPRESSOR

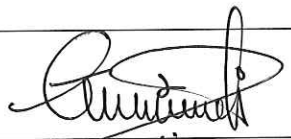
THEORY	COMMENT
1. Identify the Portable Air Compressor and explain its function	✓
2. Show where the following components allocated at Air Compressor and explain the function	
i. Starter	✓
ii. ON / OFF Switch	✓
iii. Fan Belt	✓
iv. Fan Belt Tensioner Pulley	✓
v. Hydraulic Coolant	✓
vi. Battery	✓
vii. Compressor Tank and Compressor Tank Drainage Line	✓
viii. Air Outlet	✓
ix. Alternator	✓
x. Fuel Injection Pump	✓
xi. Pressure Gauge	✓
3. Explain how to start the Air Compressor	✓
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	✓
Practical	
1. Show how to carry-out following basic maintenance	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)	✓
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	✓

Overall Score ☐ Strong ☑ Adequate ☐ Improvement Needed

Comments by Assessor (COMPULSORY):

Competent

Signature	Alleyson	Assessment Date	28.6.24
Name	Alleyson	Position	FSM

Comments by Verifier:			
Signature		Assessment Date	28/6/24
Name	GAZALI MEHRY Operation Manager Dimension Bid (M) Sdn Bhd Labuan Warehouse Slickline Services	Position	

CONTROL PANEL

THEORY	COMMENT
1. Identify the Portable Control Panel and explain its function	✓
2. Show where the following components allocated at Air Compressor and explain the function	
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?	✓
Practical	
1. How to carry-out following basic maintenance	
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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Name	Alleyson Akin	Position	FSM

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HIGH PRESSURE TEST PUMP

THEORY	COMMENT
1. Identify the High Pressure Test Pump and explain its function	✓
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	✓
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?	✓
Practical	
1. Show how to carry-out following basic maintenance	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)	✓
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

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Name	Alleyson Akin	Position	FSM

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