TASK ASSESSMENT FOR SLICKLINE ASSISTANT

UNIT: SURFACE EQUIPMENT

NAME	IMAN DULHILMI B. ZAKARIA
EMPLOYMENT DATE	
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	P		15/10/24	AFIQ AIMAN BIN HASSAN Field Service Manager DIMENSION BID (M) SDN BHD	15/10/24
2. Power Pack	P		15/10/24		15/10/24
3. Air Compressor	P		15/10/24		15/10/24
4. Control Panel	P		15/10/24		15/10/24
5. High Pressure Test Pump	P		15/10/24		15/10/24

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

Assessor's Comments & Recommendation

know the basic knowledge to operate, do maintenace, checking of surface equipment. keep continue learning

Propose to promote to the next level.

FSM / OM Comments & Recommendation

Passed

REEL SKID UNIT - SLIMLINE UNIT - SPOOLING UNIT

THEORY	COMMENT
1. Identify the Reel Skid Unit and explain the function	Done, Good
2. Show where the following components allocated at RSU and explain the function	
i. Double AA Valve	Done, Good
ii. 4 – 2 Way Directional Control Valve	Done, Good
iii. Selector Gear Speed	Done - Good
iv. Pressure Wheel	Done, Good
v. Counter Wheel	Done - Good
vi. Odometer	Done - Good
vii. Right Angle Drive	Done - Good
viii. Odometer Cable	Done - Good
ix. Wire Roller Guide	Done - Good
x. Hydraulic Pump Motor	Done - Good
xi. Selector Gear Drum	Done - Good
xii. Hand Break	Done - Good
xiii. Wire	Done - Good
xiv. Weight Indicator and Load Cell	Done - Good
xv. Wire Drum Pillow Bearing	Done - Good
3. Explain how the Reel Skill Unit operating	Done - Good
4. What should you check BEFORE operating the Reel Skid Unit (Show the Start – Up maintenance Checklist and understand requirement)	Done - Good
5. What is the most important thing to check before and during use of the weight indicator?	Done - Good
6. When flushing / recharging with the recommended Martin Decker W-15 fluid, what precautions should be taken?	Done - Good
7. How often should the weight indicator be calibrated?	Done - Good
6. What is the recommended gap in the load cell? 3/16"	Done - Good
7. What is the purpose of the glycerin fluid in the gauge?	Done - Good
10. Can other fluids be used in the system? Why?	Done - Good
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)	Done Good

Overall Score ☐ Strong ☑ Adequate ☐ Improvement Needed

Comments by Assessor (COMPULSORY): Know the basic knowledge for RSU, keep cont learning.			
Signature		Assessment Date	15/10/2024
Name	SAFIRUDDIN B. JAPAKI	Position	SGSU

Comments by Verifier: Passed			
Signature	AFIQ AIMAN BIN HASSAN Field Service Manager DIMENSION BID (M) SDN BHD	Assessment Date	15/10/24
Name	AFIQ AIMAN B. HASSAN	Position	FSM

POWER PACK

THEORY	COMMENT
1. Identify the Diesel and explain its function	Done, Good
2. Show where the following components allocated at Power Pack and explain the function	
i. Air Starter	Done, Good
ii. Fan Belt	Done, Good
iii. Fan Belt Tensioner Pulley	Done, Good
iv. Radiator	Done, Good
v. Hydraulic Coolant	Done, Good
vi. High Pressure Hydraulic Pump	Done, Good
vii. Pressure Reducing Valve	Done, Good
viii. Throttle	Done, Good
ix. Emergency Knop	Done, Good
x. Stop Knob	Done, Good
xi. RPM, Pressure and Temperature Gauge	Done, Good
xii. Electrical Motor (Electrical Power Pack)	Done, Good
xiii. ON/OFF Switch (Electrical Power Pack)	Done, Good
xiv. Armoured Cable (Electrical Power Pack)	Done, Good
3. Explain how the following Power Pack operating	
i. Diesel Power Pack	Done, Good
4. What should you check BEFORE you start the Power Pack (show the Start-up Maintenance Checklist and explain the requirement)	Done, Good
5. What are the safety precaution to be alert with while Power Pack is running	Done, Good
6. If the diesel engine will not start, what are the 2 things you should check first?	Done, Good
7. How many forward gears does the wireline unit have?	Done, Good
Practical	
1. Explain how to start the Diesel Power Pack and show how to hook-up 1" and 1-1/4" Hydraulic Hose	Done Good
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

Comments by Assessor (COMPULSORY): Crew basic knowledge to operate the Power Pack. Hose maintenance & how to check. Cont learning			
Signature		Assessment Date	15/10/2024
Name	SAHRIMAN B. SAPAKI	Position	SGSO

Comments by Verifier: Passed			
Signature	AFIQ AIMAN BIN HASSAN Field Service Manager DIMENSION BID (M) SDN BHD	Assessment Date	15/10/24
Name	AFIQ AIMAN B. HASSAN	Position	FSM

AIR COMPRESSOR

THEORY	COMMENT
1. Identify the Portable Air Compressor and explain its function	Done, Good
2. Show where the following components allocated at Air Compressor and explain the function	
i. Starter	Done, Good
ii. ON / OFF Switch	Done, Good
iii. Fan Belt	Done, Good
iv. Fan Belt Tensioner Pulley	Done, Good
v. Hydraulic Coolant	Done, Good
vi. Battery	NA
vii. Compressor Tank and Compressor Tank Drainage Line	Done, Good
viii. Air Outlet	Done, Good
ix. Alternator	~~Done, Good~~ NA
x. Fuel Injection Pump	Done Good
xi. Pressure Gauge	Done Good
3. Explain how to start the Air Compressor	Done, Good
4. What should you check BEFORE you start the Air Compressor (show the Start-up Maintenance Checklist and explain the requirement)	Done, Good
5. What are the safety precaution to be alert with while Air Compressor is running	Done, Good
6. Why contaminated water should be drained from Compressor Tank before starting the Air Compressor	Done Good
Practical	
1. Show how to carry-out following basic maintenance	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)	Done Good
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):
From the basic operation of Air Compressor.

Signature		Assessment Date	15/10/2024
Name	SAHRIMAN B. SAPAKI	Position	Supv

Comments by Verifier: Passed			
Signature	AFIQ AIMAN BIN HASSAN Field Service Manager DIMENSION BID (M) SDN BHD	Assessment Date	5/10/21
Name	AFIQ AIMAN B. HASSAN	Position	FSM

CONTROL PANEL

THEORY	COMMENT
1. Identify the Portable Control Panel and explain its function	Done Good
2. Show where the following components allocated at Air Compressor and explain the function	
i. Air Isolator	NA
ii. Pressure Reducing Valve for TRSCSSV & SDV	Done, Good
iii. Pressure Reducing Valve for BOP	Done, Good
iv. TRSCSSV Isolator Valve	Done Good
v. SDV Isolator Valve	Done, Good
vi. Emergency Isolator Valve	Done Good
vii. 2 Way BOP Control Panel	Done, Good
viii. Stuffing Box Isolator Valve	Done Good
ix. Accumulator Tank	Done Good
x. Hand Pump	Done Good
xi. Map & Pressure Manifold to be installed at Control Panel & X-mas Tree	Done Good
xii. Air Operated Pump	Done Good
3. Explain how to open Control Panel - TRSCSSV, SDV, BOP, Accumulator Tank and Stuffing Box	Done, Good
4. What should you check BEFORE you start the Control Panel (show the Start-up Maintenance Checklist and explain the requirement)	Done Good
5. What are the safety precaution to be alert with while operating Control Panel	Done, Good.
7. Why contaminated water should be drained from Air Hose before starting the Control Panel?	Done, Good
Practical	
1. How to carry-out following basic maintenance	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)	Done Good
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	Done Good
ii. Stuffing box	
iii. BOP	
3. Perform Pre & Post Job Check (use Pre & Post Job Check List)	

Overall Score ☐ Strong ☑ Adequate ☐ Improvement Needed

Comments by Assessor (COMPULSORY): know basic knowledge to operate control panel.			
Signature		Assessment Date	15/10/2024
Name	SAHKIRAN B. SAPAKI	Position	SGSO

Comments by Verifier: Passed			
Signature		Assessment Date	15/10/24
Name	KHAIRAMAN B. ITAPAN	Position	PM

HIGH PRESSURE TEST PUMP

THEORY	COMMENT
1. Identify the High Pressure Test Pump and explain its function	Done Gwd
2. Show where the following components allocated at Air Compressor and explain the function	
i. Air Isolator	Done Gwd
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	Done Gwd
4. What is the Working Pressure for Test Pump? 10k	Done Gwd
5. What should you check BEFORE you start the Test Pump (Show the Start-Up Maintenance Checklist and understand the requirement)	Done Gwd
6. What are the safety precaution to be alert with while operating Test Pump?	Done Gwd
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)	Gwd Dm.
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

Comments by Assessor (COMPULSORY):

know the basic knowledge to operate test pump.

Signature		Assessment Date	15/10/24
Name	Sahrizal Sapri	Position	SCSO

Comments by Verifier: