

TASK ASSESSMENT FOR SLICKLINE ASSISTANT

UNIT: SURFACE EQUIPMENT

NAME	MUHAMMAD HASNAWI BIN SUDARSO
EMPLOYMENT DATE	
PERFORMANCE CRITERIA	<ol style="list-style-type: none"> Equipment design / technical specification / features: Know and understand equipment design / technical specifications / features Equipment operation: Able to operate the equipment 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	SH	25/5/23	[Signature]	25/07/23
2. Power Pack	7	SH			
3. Air Compressor	7	SH			
4. Control Panel	8	SH			
5. High Pressure Test Pump	6	SH			

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

Good. Have knowledge on basic operation and troubleshoot equipment, learned during previous post. Have to expose to offshore.

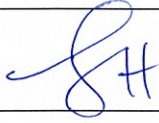
FSM / OM Comments & Recommendation

REEL SKID UNIT - SLIMLINE UNIT - SPOOLING UNIT

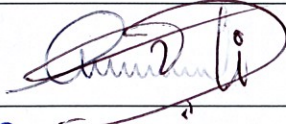
THEORY	COMMENT
1. Identify the Reel Skid Unit and explain the function	OK.
2. Show where the following components allocated at RSU and explain the function	
i. Double AA Valve	OK
ii. 4 – 2 Way Directional Control Valve	OK.
iii. Selector Gear Speed	OK.
iv. Pressure Wheel	OK.
v. Counter Wheel	OK.
vi. Odometer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

Comments by Assessor (COMPULSORY):

Signature		Assessment Date	25/5/2023
Name	Hazim	Position	TM

Comments by Verifier:

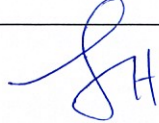
Signature		Assessment Date	25/5/2023
Name	GAZALI MEHRY	Position	OM

POWER PACK

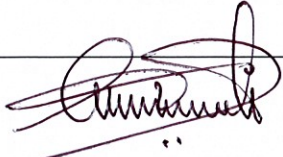
THEORY	COMMENT
1. Identify the Diesel and explain its function	Good.
2. Show where the following components allocated at Power Pack and explain the function	
i. Air Starter Hydraulic Starter	OK.
ii. Fan Belt	OK
iii. Fan Belt Tensioner Pulley	OK.
iv. Radiator	OK.
v. Hydraulic Coolant	OK.
vi. High Pressure Hydraulic Pump	OK.
vii. Pressure Reducing Valve	OK
viii. Throttle	OK.
ix. Emergency Knob	OK.
x. Stop Knob	OK.
xi. RPM, Pressure and Temperature Gauge	OK. Test RPM 2100 RPM
xii. Electrical Motor (Electrical Power Pack)	NIL
xiii. ON/OFF Switch (Electrical Power Pack)	NIL
xiv. Armoured Cable (Electrical Power Pack)	NIL
3. Explain how the following Power Pack operating	
i. Diesel Power Pack	Good.
4. What should you check BEFORE you start the Power Pack (show the Start-up Maintenance Checklist and explain the requirement)	OK. Able to explain
5. What are the safety precaution to be alert with while Power Pack is running	OK.
6. If the diesel engine will not start, what are the 2 things you should check first?	OK.
7. How many forward gears does the wireline unit have?	OK. For open loop system.
Practical	
1. Explain how to start the Diesel Power Pack and show how to hook-up 1" and 1-1/4" Hydraulic Hose	OK.
2. How to carry-out following basic maintenance	
i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)	} OK. Done.
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	Good.

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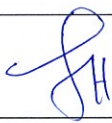
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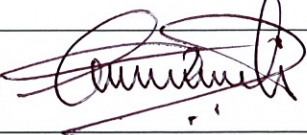
AIR COMPRESSOR

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"> 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)	OK.
ii. Re-tighten bolt and nut	OK.
iii. Check Compressor Hyd Oil Level and fill-up if necessary	OK.
iv. Re-tension Fan Belt	OK.
v. Service ON/OFF Switch	OK.

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				7					

Comments by Assessor (COMPULSORY): Personnel has involved on AC maintenance at base & Operate the AC at base. Good.			
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Name	Hazim	Position	TM

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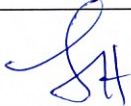
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CONTROL PANEL

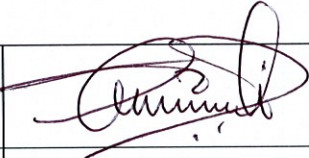
THEORY (Done in Theoretical Presentation)	COMMENT
1. Identify the Portable Control Panel and explain its function	
2. Show where the following components allocated at Air Compressor and explain the function	
i. Air Isolator	
ii. Pressure Reducing Valve for TRSCSSV & SDV	
iii. Pressure Reducing Valve 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. Manifold & 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)	OK.
ii. Re-tighten bolt and nut	OK.
iii. Caring of pressure gauge	OK.
iv. Service Air Operated Pump Exhaust	OK.
v. Check Hydraulic Oil Level and fill-up if necessary	OK.
vi. Release contaminated water form Air Isolator	OK.
vii. Release pressure in system upon completed job	OK
viii. Take out 1/4" Snap Tite from Control Panel and service	OK
ix. Pressure Manifold to be installed at Control Panel	OK.
2. Show how to hook-up 1/4" Hydraulic Hose to the following:	OK-Connect all hoses
i. Pressure Manifold / TRSCSSV	} Good.
ii. Stuffing box	
iii. BOP	
3. Perform Pre & Post Job Check (use Pre & Post Job Check List)	OK.

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HIGH PRESSURE TEST PUMP

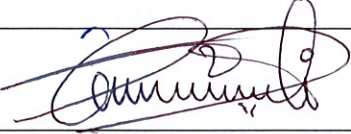
THEORY <i>(Done in Theoretical Presentation)</i>	COMMENT	
1. Identify the High Pressure Test Pump and explain its function		
2. Show where the following components allocated at Air Compressor and explain the function <ul style="list-style-type: none"> i. Air Isolator ii. Pressure Isolator Valve iii. 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 <ul style="list-style-type: none"> 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 	<i>ok-Done. With pressure test PCC</i>	
2. Perform pressure test against 3 sections lubricator		
3. Perform Pre & Post Job Check (use Pre & Post Job Check List)		
		<i>OK</i>
		<i>OK.</i>

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Name	<i>HAZIM</i>	Position	<i>TM</i>

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Name	GAZALI MEARY	Position	OM