


# TASK ASSESSMENT FOR SLICKLINE ASSISTANT

## UNIT: SURFACE EQUIPMENT

|                      |   |
|----------------------|---|
| NAME                 | MD IFWAT AFU BIN SAMJULLIZAM  |
| EMPLOYMENT DATE      | 11 November 2024  |
| PERFORMANCE CRITERIA | <ol style="list-style-type: none"> <li>Equipment design / technical specification / features:<br/>Know and understand equipment design / technical specifications / features</li> <li>Equipment operation: Able to operate the equipment</li> <li>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<br>FSM / OM   | Verification Date |
|----------------------------|-------|-------------|-----------------|---|-------------------|
| 1. Reel Skid Unit          | 8     | HENIEKEN    | 29/4/25         | <br><b>ALEXSON AKIN</b><br>DIMENSION BID (M) SDN BHD<br>East Malaysia Operation<br>5/5/25 |                   |
| 2. Power Pack              | 8     | HENIEKEN    | 29/4/25         |   |                   |
| 3. Air Compressor          | 8     | HENIEKEN    | 29/4/25         |   |                   |
| 4. Control Panel           | 8     | SYAIFUL     | 30/4/25         |   |                   |
| 5. High Pressure Test Pump | 8     | SYAIFUL     | 30/4/25         |   |                   |
| Total Score                | 80/40 |             |                 |   |                   |
| %                          | 80    |             |                 |   |                   |

**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 worker and willing to learn

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

FSM / OM Comments & Recommendation

- Need to learn basic troubleshooting (PP, KM)


# 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  | <del>MORE LEARNING</del> |
| i. Double AA Valve  | MORE LEARNING            |
| ii. 4 – 2 Way Directional Control Valve   | MORE LEARNING            |
| iii. Selector Gear Speed  | GOOD                     |
| iv. Pressure Wheel  | GOOD                     |
| v. Counter Wheel - <i>How to verify size for each wire gauge</i>  | GOOD                     |
| vi. Odometer  | GOOD                     |
| vii. Right Angle Drive  | GOOD                     |
| viii. Odometer Cable  | GOOD                     |
| ix. Wire Roller Guide   | GOOD                     |
| x. Hydraulic Pump Motor   | MORE LEARNING            |
| xi. Selector Gear Drum  | GOOD                     |
| xii. Hand Break   | GOOD                     |
| xiii. Wire  | MORE LEARNING            |
| xiv. Weight Indicator and Load Cell   | MORE LEARNING            |
| xv. Wire Drum Pillow Bearing  | GOOD                     |
| 3. Explain how the Reel Skill Unit operating  | MORE LEARNING            |
| 4. What should you check BEFORE operating the Reel Skid Unit (Show the Start – Up maintenance Checklist and understand requirement) | GOOD                     |
| 5. What is the most important thing to check before and during use of the weight indicator?   | GOOD                     |
| 6. When flushing / recharging with the recommended Martin Decker W-15 fluid, what precautions should be taken?                      | GOOD                     |
| 7. How often should the weight indicator be calibrated?   | MORE LEARNING            |
| 8. What is the recommended gap in the load cell?  | GOOD                     |
| 7. What is the purpose of the glycerin fluid in the gauge?  | MORE LEARNING            |
| 10. Can other fluids be used in the system? Why?  | MORE LEARNING            |
| <b>Practical</b>  |                          |
| 1. Show how to carry out following basic maintenance  | MORE LEARNING            |
| 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 |

Comments by Assessor (COMPULSORY):

I NEED MORE LEARNING FUNCTIONING REEL SKID.


|           |   |                 |           |
|-----------|---|-----------------|-----------|
| Signature |  | Assessment Date | 29/4/2025 |
| Name      | HENRIK  | Position        | S.MECH    |



## POWER PACK

| THEORY   | COMMENT       |
|--|---------------|
| 1. Identify the Diesel and explain its function<br><i>* Need to learn to adjust overspeed shutdown.</i>                        | MORE LEARNING |
| 2. Show where the following components allocated at Power Pack and explain the function  |               |
| i. Air Starter   | GOOD          |
| ii. Fan Belt   | GOOD          |
| iii. Fan Belt Tensioner Pulley   | GOOD          |
| iv. Radiator   | GOOD          |
| v. Hydraulic Coolant   | GOOD          |
| vi. High Pressure Hydraulic Pump   | MORE LEARNING |
| vii. Pressure Reducing Valve   | MORE LEARNING |
| viii. Throttle   | GOOD          |
| ix. Emergency Knop   | MORE LEARNING |
| x. Stop Knob   | GOOD          |
| xi. RPM, Pressure and Temperature Gauge  | GOOD          |
| 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  | GOOD          |
| 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) | GOOD          |
| 5. What are the safety precaution to be alert with while Power Pack is running   | GOOD          |
| 6. If the diesel engine will not start, what are the 2 things you should check first?  | MORE LEARNING |
| 7. How many forward gears does the wireline unit have?   | GOOD          |
| <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                             | GOOD          |
| 2. How to carry-out following basic maintenance  | GOOD          |
| i. Protect bolt, nut, fittings etc with Denso Tape (Grease Tape)   | GOOD          |
| ii. Re-tighten bolt and nut  | GOOD          |
| iii. Protect 1" and 1-1/4" Hydraulic Hose Connection   | GOOD          |
| iv. Clean up Air Filter with air   | GOOD          |
| v. Re-tension Fan Belt   | MORE LEARNING |
| 3. Identify the DAILY pre-start check points   | GOOD          |

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

|  |   |                 |           |
|--|---|-----------------|-----------|
| Comments by Assessor (COMPULSORY) <sup>HOW TO</sup><br>- MORE LEARNING <del>ABOUT</del> TROUBLESHOOT <sup>ROOT CAUSE</sup> ENGINE FAILURE. |   |                 |           |
| Signature  |  | Assessment Date | 29/4/2025 |
| Name   | HENRIK  | Position        | S. MECH   |


## AIR COMPRESSOR

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

| OVERALL SCORE | STRONG |   |   | ADEQUATE |   |   | IMPROVEMENT NEEDED |   |   |
|---------------|--------|---|---|----------|---|---|--------------------|---|---|
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Comments by Assessor (COMPULSORY):

- MORE LEARNING ABOUT AIR COMPRESSOR SYSTEM.

|           |   |                 |           |
|-----------|---|-----------------|-----------|
| Signature |  | Assessment Date | 29/4/2025 |
| Name      | HENRIKON  | Position        | S. MEGH   |




## 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 <ul style="list-style-type: none"><li>i. Air Isolator ✓</li><li>ii. Pressure Reducing Valve for TRSCSSV &amp; SDV ✓</li><li>iii. Pressure Reducing Valve for BOP ✓</li><li>iv. TRSCSSV Isolator Valve ✓</li><li>v. SDV Isolator Valve ✓</li><li>vi. Emergency Isolator Valve ✓</li><li>vii. 2 Way BOP Control Panel ✓</li><li>viii. Stuffing Box Isolator Valve ✓</li><li>ix. Accumulator Tank ✓</li><li>x. Hand Pump ✓</li><li>xi. Map &amp; Pressure Manifold to be installed at Control Panel &amp; X-mas Tree ✓</li><li>xii. Air Operated Pump ✓</li></ul> | He can recognize the component & explain the function well. |
| 3.        | Explain how to open Control Panel - TRSCSSV, SDV, BOP, Accumulator Tank and Stuffing Box ✓  | Good understanding & need a bit guidance.                   |
| 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 <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. Caring of pressure gauge ✓</li><li>iv. Service Air Operated Pump Exhaust ✓</li><li>v. Check Hydraulic Oil Level and fill-up if necessary ✓</li><li>vi. Release contaminated water form Air Isolator ✓</li><li>vii. Release pressure in system upon completed job ✓</li><li>viii. Take out ¼" Snap Tite from Control Panel and service ✓</li><li>ix. Pressure Manifold to be installed at Control Panel ✓</li></ul>                             | Good practical activities by him.                           |
| 2.        | Show how to hook-up ¼" Hydraulic Hose to the following: <ul style="list-style-type: none"><li>i. Pressure Manifold / TRSCSSV ✓</li><li>ii. Stuffing box ✓</li><li>iii. BOP ✓</li></ul>  |   |
| 3.        | Perform Pre & Post Job Check (use Pre & Post Job Check List) ✓  |   |

| OVERALL SCORE | STRONG |   |   | ADEQUATE |   |   | IMPROVEMENT NEEDED |   |   |
|---------------|--------|---|---|----------|---|---|--------------------|---|---|
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Comments by Assessor (COMPULSORY):

- He knows & understand how to operate the  
Central panel with a bit guide by senior.

|           |  |                 |                      |
|-----------|--|-----------------|----------------------|
| Signature |   | Assessment Date | 30/05/2025           |
| Name      | <b>SYAIFUL BIN SIDEK</b><br>Senior PCE Specialist<br>Dimension Bid (M) Sdn Bhd<br>Labuan Warehouse<br>Slickline Services | Position        | Sen. PCE Specialist. |




## 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  | } Good understanding by him.      |
| 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 ✓  | } He know the PTU system.         |
| 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   | } Good practical exercise by him. |
| 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 |   |   |
|---------------|--------|---|---|----------|---|---|--------------------|---|---|
|               | 10     | 9 | 8 | 7        | 6 | 5 | 4                  | 3 | 2 |

Comments by Assessor (COMPULSORY):

- He understand how to operate PTU, and the system works.

|           |   |                 |                    |
|-----------|---|-----------------|--------------------|
| Signature |                                | Assessment Date | 20/04/2025         |
| Name      | SYAIFUL BIN SIDEK<br>Senior PCE Specialist<br>Dimension Bid (M) Sdn Bhd<br>Labuan Warehouse<br>Slickline Services | Position        | Mr. PCE Specialist |

