

# SLICKLINE ASSISTANT WORKBOOK

**IMPORTANT NOTE:**

1. Your point of reference to complete this workbook may be obtained from the following
  - Training Manual and any other training materials provided together with this workbook
  - Your Trainer, Assessor (Slickline Operator), Verifier (FSM) or senior colleagues
  - SOP / Quality Procedures & Processors
2. The completion of this Workbook is a joint effort and responsibility between you and your assessor therefore you have the obligation to request from your assessor to be assessed upon your completion of each topic
3. The completion of this Workbook is part of the MANDATORY requirements which you must fulfill to qualify for a promotion
4. Your training program is mostly self-driven, including this Workbook. It requires individual initiatives, dedication and commitment to complete the process.

NAME	MUHAMMAD ARMIN RIFGI BIN ANUAR
DATE OF JOIN	15/7/2023
CONTACT NO.	013 804-8186
RECEIVED DATE	
DATE COMPLETED	



**D. Rig up Wireline Surface Equipment**

a. List out all surface equipment (Surface and Pressure Gauge)

1. Power Pack
2. Reel Skid Unit
3. Counter Wheel Assembly
4. Odometer/Counter Depth
5. Weight Indicator
6. Right Angle Drive
7. Hay Pulley
8. Wireline Mast
9. Air Compressor
10. Generator Set
11. Office Cabin
12. Pressure Control Equipment
13. Control Panel

b. Describe how to connect lubricator section

i) Horizontal

Put lubricator on start and correct are by one lubricator.

*[Signature]* 3/10/24

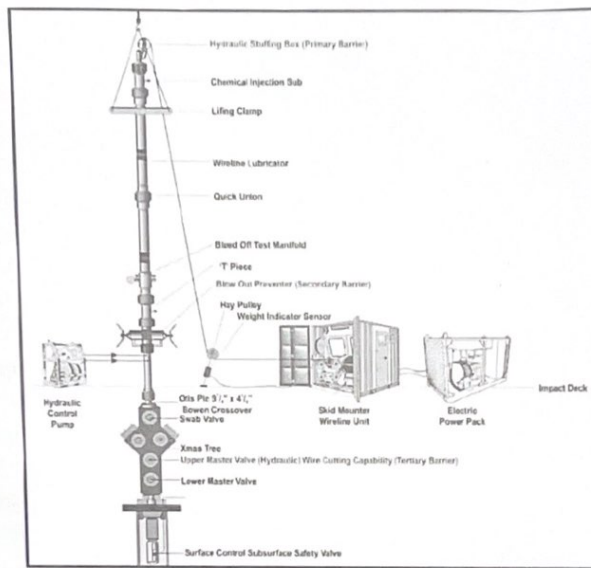


ii) Vertical

Correct lubricator wing clamp and hanging using with crane or mast

**Note: Provide drawing and parts description on separate paper/page**

c. Sketch the equipment required while rigging up from x-mas tree until stuffing box



3/10/24

**Note: Provide drawing and parts description on separate paper/page**



d. What should weight indicator attached with?

Most common weight indicator in the field is the Martin Decker type, and consist of an indicator in the cab or wireline unit, a hydraulic hose leading to a load cell coupled to the counter head assembly.

e. What is the meaning of rigging up and rigging down?

Rigging Up means setting up all the equipment needed for the job. This includes assembling and installing everything, like the pressure control equipment (PCE), wireline unit, and surface tools.

Rigging Down means taking all the equipment apart and packing it up after the job is done.

f. What is power pack hose size used at Dimension Bid?

- 1" Supply  
- 1 1/4" return.

g. What are the safety precautions required upon completed hook up hydraulic hose to RSU

- Check Connections: Make sure all hoses connections are tight and secure.
- Inspect for Leaks: Look for any signs of hydraulic fluid leaks.
- Test Pressure: Gradually pressurize the system to ensure everything is working correctly.
- Wear Protective Gear: Always wear safety gloves and eye protection when dealing with hydraulic systems.
- Clear the Area: Ensure no one is standing close to the hoses or connections in case of a failure.
- Monitor Pressure Gauges: Keep an eye on pressure readings to avoid over-pressurizing the system.

*Cluck* 3/10/24



h. List out the safety precaution while rigging up and rigging down

Rigging Up:

- **Wear PPE:** Always wear personal protective equipment (PPE) like hard hats, gloves, safety glasses, and steel-toed boots.
- **Inspect Equipment:** Check all tools and equipment for any damage before starting.
- **Use Proper Lifting Techniques:** When lifting heavy equipment, use proper lifting techniques or mechanical aids to avoid injury.
- **Ensure Secure Connections:** Make sure all equipment is securely connected and properly tightened.
- **Follow Procedures:** Adhere to standard operating procedures and work instructions.
- **Communicate Clearly:** Maintain clear communication with your team to coordinate tasks safely.
- **Be Aware of Surroundings:** Keep the work area clear of unnecessary personnel and obstacles.

Rigging Down:

- **Depressurize Equipment:** Ensure all pressure is safely released from the system before disconnecting any equipment.
- **Disconnect Power Sources:** Turn off and disconnect all power sources, including hydraulic systems.
- **Inspect for Residual Pressure:** Double-check that there's no residual pressure in hoses or equipment.
- **Handle Equipment Safely:** Use proper lifting techniques and handle tools and equipment carefully while dismantling.
- **Store Equipment Properly:** Clean and store equipment in designated areas to prevent damage and maintain safety.
- **Remove Debris:** Clear the area of any debris or waste materials after rigging down.
- **Conduct a Final Inspection:** Once everything is packed up, do a final walk-around to ensure no equipment or tools are left behind.

*Note: Provide drawing and parts description on separate paper/page*

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