



Rig Safety and Maintenance

What this Safety Talk Covers:

The “Dos” and “Don’ts” for maintaining rig safety, including proper inspection, equipment handling, and hazard prevention practices to keep operations safe and efficient.

Discussion Notes:

Discuss the outcomes of the “Dos” and “Don’ts.”

- Do**
- ✓ Inspect rig components daily. Check derricks, drawworks, pumps, and safety devices for signs of wear or damage before starting operations.
 - ✓ Follow Lockout/Tagout procedures. Always isolate power sources when working on rig equipment to prevent accidental startups.
 - ✓ Maintain clean work areas. Remove oil, mud, and debris from platforms, catwalks, and rig floors to reduce slip hazards.
 - ✓ Use proper PPE. Wear flame-resistant clothing, steel-toe boots, gloves, eye protection, and hard hats at all times in the oilfield.
 - ✓ Monitor pressure systems. Regularly inspect mud pumps, hoses, and BOP (Blowout Preventer) systems for leaks or pressure anomalies.
 - ✓ Communicate before equipment movement. Use radios or hand signals to ensure everyone is clear before rotating the rig floor or moving heavy loads.
- Don't**
- ✗ Bypass safety devices. Never disable alarms, guards, or interlocks on rig equipment.
 - ✗ Leave tools unsecured. Loose tools can fall from derricks or platforms, creating severe hazards.
 - ✗ Ignore fluid spills. Even small spills can cause slips or contribute to fire risk—clean them immediately.
 - ✗ Work under suspended loads. Stay clear of elevators, blocks, or pipe stands that are being hoisted.
 - ✗ Neglect torque and pressure checks. Failing to verify torque settings on drill pipe or pressure in lines can lead to catastrophic failures.
 - ✗ Operate equipment without training. Rig systems are complex; unauthorized operation can endanger the entire crew.



TEXAS OIL & GAS ASSOCIATION SAFETY TALKS

an initiative of the **TXOGA** Workers' Compensation Safety Group

Employee Quiz Rig Safety and Maintenance

Employee Name: _____

Circle the correct answer below.

1. What should be done before starting rig operations each day?
 - a. Check only the derrick
 - b. Inspect rig components for wear or damage
 - c. Ensure tools are stacked on the rig floor
 - d. Turn on all power sources immediately
2. What should you do if you see mud or oil on the rig floor?
 - a. Clean it immediately to prevent slips and fire hazards
 - b. Ignore it unless someone slips
 - c. Cover it with boards
 - d. Wait for the end of the shift to report it
3. Which of the following is NOT recommended for safe rig maintenance?
 - a. Disabling alarms on rig equipment
 - b. Checking BOP and mud pump systems for leaks
 - c. Using radios or hand signals before moving equipment
 - d. Wearing flame-resistant clothing and PPE
4. What is the biggest risk of leaving tools unsecured on the rig?
 - a. They may get dirty
 - b. They slow down operations
 - c. They can be misplaced
 - d. They may fall and cause serious injuries
5. Operating rig equipment without proper training can endanger the entire crew.
 - a. True
 - b. False

Training record: Date: _____ Jobsite/Facility: _____
Trainer: _____ Title: _____

TXOGA Safety Talks are provided for the benefit of Texas Oil & Gas Association members participating in the TXOGA Workers' Comp. Safety Group with Texas Mutual Insurance Company.