



Preventing Vehicle Rollovers

What this Safety Talk Covers:

The “Dos” and “Don’ts” for preventing rollovers at the worksite.

Discussion Notes:

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

- Do**
 - ✓ Inspect lease roads and access routes before driving. Uneven terrain, washouts, or soft shoulders are common and easily can lead to rollovers if not identified and navigated carefully.
 - ✓ Secure all equipment and loads properly. In pipe yards and at well sites, shifting loads like drill pipe, casing, or tank lids can throw off a vehicle’s center of gravity and increase rollover risk—especially when turning or driving on sloped ground.
 - ✓ Use spotters when backing or navigating tight spaces. Equipment yards and refinery sites often have blind spots, soft ground, and congested areas where a second set of eyes can prevent a costly mistake.
 - ✓ Adjust speed for site-specific conditions. Even when roads appear flat, conditions like gravel, mud, or partially graded surfaces common in the oilfield can make high speeds dangerous—especially for top-heavy vehicles.
 - ✓ Keep high-clearance vehicles on designated paths. Vacuum trucks, water haulers, and winch trucks have a higher risk of tipping. Always follow marked routes and avoid cutting across sloped or unstable ground.
 - ✓ Review your vehicle’s rollover risk factors. Know the specs and limits of your unit, especially when hauling frac tanks, pulling trailers, or operating on inclines near pits or ditches.
- Don’t**
 - ✗ Take shortcuts across unmarked or unstable ground. Hidden ditches or soft spots can cause rollovers.
 - ✗ Overload vehicles or unevenly distribute weight. Overhanging pipe, unsecured tools, or improperly placed tanks can drastically change a truck’s center of gravity.
 - ✗ Ignore weather—mud, ice, or rain can turn safe roads into rollover hazards.
 - ✗ Make sharp turns at high speeds, especially when pulling trailers.
 - ✗ Drive or park on slopes or embankments without checking for erosion or unstable soil.
 - ✗ Let fatigue or distractions affect your focus. Stay alert behind the wheel.



TEXAS OIL & GAS ASSOCIATION SAFETY TALKS

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

Employee Quiz Preventing Vehicle Rollovers

Employee Name: _____

Circle the correct answer below.

- | | |
|---|--|
| <ol style="list-style-type: none">1. What is one of the most effective ways to prevent a rollover on an oilfield lease road?<ol style="list-style-type: none">a. Drive as fast as possible to maintain controlb. Inspect the road for washouts or unstable shouldersc. Use cruise control for consistent speedd. Drive on the edge of the road to avoid ruts2. Why is it important to secure loads like pipe or tank lids before traveling on-site?<ol style="list-style-type: none">a. To reduce noise in the cabb. To keep the load cleanc. To prevent shifting weight that could lead to a rolloverd. To save time during unloading | <ol style="list-style-type: none">3. When is using a spotter especially important?<ol style="list-style-type: none">a. While fuelingb. During lunch breaksc. On long, straight haul roadsd. When backing in tight, congested areas4. How can weather affect rollover risk in the oilfield?<ol style="list-style-type: none">a. It can turn firm roads into slick or unstable terrainb. It makes the site quieterc. It improves traction on dirt roadsd. It has no effect on heavy trucks5. Driving across unmarked terrain is safe as long as you're driving slowly.<ol style="list-style-type: none">a. Trueb. False |
|---|--|

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