TEXAS OIL & GAS ASSOCIATION
SAFETY TALKS

an initiative of the TXOGA Workers' Compensation Safety Group

Driving with Hazardous Chemicals or Materials

What this Safety Talk Covers:

The "Dos" and "Don'ts" of safely driving with hazardous chemicals or materials.

Discussion Notes:

Discuss the outcomes of the "Dos" and "Don'ts."

Do

- ✓ Check your shipping papers and placards before you roll. Make sure they match the load and that placards are visible on all four sides.
- ✓ Secure and separate your load. Strap and block drums, totes and cylinders, and keep acids, oxidizers, and flammables apart, even on a short run between pads.
- ✓ Wear your personal H2S monitor and know the wind direction. Sour gas can show up at wellheads, tank batteries, and produced water facilities, so check your monitor, know the muster points, and keep an upwind escape route.
- ✓ Follow the ignition source rules at the gate. Refineries, gas plants, and tank batteries restrict running engines, hot exhaust, and phones in hazardous zones. Use spark arrestors and park only where directed.
- ✓ Slow down on lease roads and in bad weather. Wet caliche and soft pad edges are a rollover risk, and liquid loads surge. Leave extra stopping distance.
- ✓ Carry your emergency gear. Keep the SDS for every product, the ERG guidebook, a charged extinguisher, and a spill kit on board.

Don't

- x Haul unidentified containers. Drums from a pad, pit, or frac site can hold anything from crude to pipe dope to chemical additives.
- x Assume an empty tank is safe. Vac trucks and tanks that held crude, condensate, or produced water can still hold vapors and trapped pressure. Vent and verify first.
- x Park or idle near wellheads, flare lines, or pipeline crossings. Watch for pipeline markers and never assume a lease road is free of buried pipe under a loaded truck.
- x Let the schedule push you into cutting corners. Rushing is how loads shift, valves stay open, and hoses stay connected. If something looks off, stop and call it in.
- x Drive tired or distracted on long hauls. Remote roads at night mean wildlife, oncoming trucks, and few places to pull off. Take your breaks and put the phone away.
- x Handle a leak, spill, or fire alone. Get upwind and uphill, keep people back, and call for help. Give responders the product name and placard number right away.

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Meeting notes:
Employee comments/concerns:_____

_____

Other safety issues to be addressed on the job/facility:_____

_____

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

Employee name (print)	/ (signature)	Employee name (print)	/ (signature)
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(Continue recording signatures on a separate sheet of paper)
Employee Quiz is provided on last page. Answers are: 1. (b), 2. (a), 3. (c), 4. (a), 5. (b)

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Employee Quiz

Driving with Hazardous Chemicals or Materials

Employee Name: _____

Circle the correct answer below

1. Where should placards be visible on a vehicle hauling hazardous materials?
   a. Front and rear only
   b. On all four sides
   c. On the driver's side only
   d. Placards are only needed when the load is over a certain weight

2. You are heading into a tank battery. What should you do with your H2S monitor?
   a. Check it and wear it on your person
   b. Leave it in the truck so it does not get damaged
   c. Only turn it on if you smell something
   d. Hand it to the site operator

3. Which of the following should never be hauled side by side, even on a short trip between pads?
   a. Empty pallets and strapping
   b. Water totes and fire extinguishers
   c. Acids, oxidizers, and flammables
   d. Spill kits and SDS binders

4. Why is a liquid load a greater rollover risk on wet caliche or soft pad edges?
   a. The liquid surges and pushes the truck around
   b. Liquid loads are always heavier than dry loads
   c. Tires lose air pressure faster with liquid loads
   d. Caliche roads are always banked the wrong way

5. A drum from a frac site with no label is fine to haul as long as it looks like it is sealed.
   a. True
   b. False

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

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