



Toolbox Safety Talks

Heavy Equipment Start-Up

- 1) What are the hazards involved with not inspecting your machinery and immediate area prior to operating?
 - a. Employee injury, property damage, equipment damage, etc.

- 2) What hazards should you look for pre-start up
 - a. Clear all personnel and obstacles from the machine path.
 - b. Turn battery disconnect switch to "ON."
 - c. Clean and secure all windows and doors.
 - d. Adjust mirrors for optimum vision.
 - e. Adjust seat for pedal operation and operator's height and weight.
 - f. Inspect and fasten seatbelt or harness.
 - g. Start engine from operator's compartment only.

- 3) What hazards should you look for after starting your machine?
 - a. Allow engine to warm up at low idle
 - b. Conduct monitoring system test (if applicable)
 - c. Activate monitoring system switch
 - d. Listen for action alarm to sound
 - e. Check for indicator lights to come on and action light to flash
 - f. Release switch (all lights and alarm should go off)
 - g. Check panel indicator lights and gauges frequently
 - h. Check transmission oil level
 - i. Perform brake checks at 1200 RPM in first gear for parking, service, and secondary (per O&MM)

- 4) What hazards should you look for when preparing to move?
 - a. Sound horn according to site regulations (allowing three to five seconds after to enable anyone to get out of the way)
 - b. Lower the dump body or raise all lowered implements
 - c. Push on the service brake pedal and disengage parking brake
 - d. Unlock transmission and move control lever to desired gear
 - e. Release the service brake pedal; press accelerator pedal to govern machine speed
 - f. Conduct brake test prior to moving truck.

- 5) What steps did we miss?
- 6) Has anyone ever had an accident or near-miss during the start-up process?
- 7) Are there any other safety concerns that you would like to talk about?



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Date Presented: _____

Presented By: _____

Attendance Sheet



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