

HYDRAULIC MINING SHOVEL SAFETY TIPS

With its rated payload of 67 tons, the Hydraulic Mining shovel is made for mines using large haul trucks, providing an efficient solution to meet production capacity in these environments.

To help prevent safety hazards and mechanical problems, operators should conduct a pre-operation walkaround inspection before every shift. Operators should read the Operation & Maintenance Manual to learn about all safety warnings, then follow these safety tips.

Mount and dismount the shovel only at locations with steps and handholds. Always use three points of contact. Never walk or stand between the shovel and the bank, highwall, or other nearby machines while mounting.

Do not leave a loaded or empty bucket in the air for long periods of time. Lower the bucket to the ground while not in use.

Inspect the highwall, bank and pit conditions in your work area. Check the area around the shovel for people or obstructions. Know traffic patterns and communicate with fellow workers before operating the shovel.

Be aware of overhead power lines. Never raise the boom near power lines.

Observe the conditions of highwalls and banks. When weather creates a potential highwall or bank failure condition, immediately notify your supervisor and others working in the area.

Buckle the seat belt. Always stay seated while operating the controls.

Stay away from the edge of banks, pits and highwalls. Stay clear of overhangs and slide areas.

Never swing the bucket over workers, vehicles or machines. When loading trucks, do not swing over the cab.

Do not back up until you have checked to see that the area is clear of personnel and obstructions.

Load trucks evenly to avoid overloading the axles and causing spillage. Do not drop material into the truck bed from unsafe heights.

Start operators on the right path with Cat® Simulators training. Developed with Caterpillar experts, each simulator features the same authentic Cat® controls as found in real machines.

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