

Safety-Gram

Title 45, Chapter 11

September 2023

Volume 24, Number 9

Proper Chocking Procedures

Chocking prevents accidental or unintended movement of mobile equipment. Chocking the wheels of a truck, trailer, tractor, or other piece of mobile equipment provides a physical stopper to the wheels to prevent runaways that can crush and injure workers.

ODM-Title 45, Chapter 11 - Section 913 (25) Mobile equipment shall not be left unattended unless the brakes are set. The wheels shall be turned into a bank or wall, or shall be blocked, when such equipment is parked on a grade.

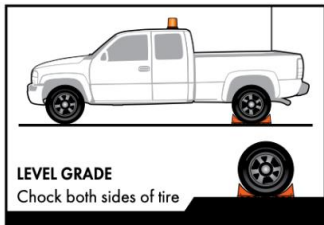
MSHA Standard for Surface Operations 30 CFR § 56.14207 - Parking procedures for unattended equipment. Mobile equipment shall not be left unattended unless the controls are placed in the park position and the parking brake, if provided, is set. When parked on a grade, the wheels or tracks of mobile equipment shall be either chocked or turned into a bank.



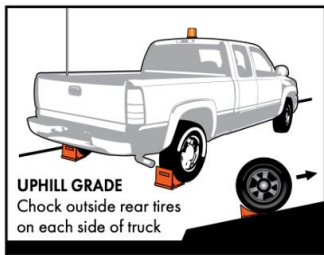
Unattended mobile equipment parked on a grade must have the wheels or tracks chocked or turned into bank in addition to setting the park brake (if provided) in order to prevent equipment from unexpectedly rolling and striking miners working in the area. Grade can be determined a number of ways, to include testing the equipment to determine if it rolls when the transmission is placed in neutral.

This standard applies to all off-road and on-road self-propelled equipment used on mine property, including vehicles such as vans, suburbans, and pick-up trucks. Any piece of mobile equipment used on the mine site will have to comply with the standard. The standard would allow for mobile equipment parked on a grade to be turned into a bank, chocked, or parked with the front or rear wheels in a ditch or trough.

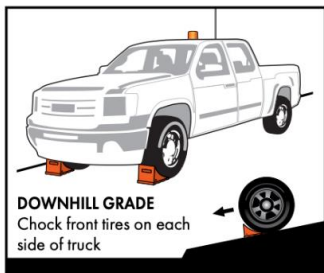
**Don't be a blockhead!
Chocking prevents
serious injuries caused
by runaway vehicles
and accidentally
activated machinery.**



LEVEL GRADE
Chock both sides of tire



UPHILL GRADE
Chock outside rear tires
on each side of truck



DOWNHILL GRADE
Chock front tires on each
side of truck