



ARCO SAFE TOOL BOX TALKS

Heavy Equipment – Materials Handling Equipment

OSHA divides materials handling equipment into two groups:

Earthmoving Equipment and **Lifting/Hauling Equipment**

Seat Belt Requirements:

- Must be provided on all equipment covered by OSHA materials handling section
- Are not needed on equipment designed only for standing up operation
- Need not be provided for equipment which does not have roll over protective structures (ROPS) or adequate canopy protection

Roadways and Grades:

- No construction equipment or vehicles can be driven on any access roadways or grade unless the roadway/grade is specifically made to handle safely the equipment or vehicles involved
- Every emergency access ramp and berm must be constructed to restrain and control runaway vehicles

Brakes/Audible alarms:

- All earthmoving equipment must have service e brakes capable of stopping and holding the equipment when fully loaded
- All bidirectional machines must be equipped with a horn, and in most cases a backup or reverse alarm

Lifting/Hauling Equipment:

- Lift trucks, stackers, etc. must have a rated capacity clearly posted on the vehicle so the operator can see it and capacities must be adjusted accordingly
- No modifications or additions which affect the capacity or safe operation of the equipment can be made, in NO case shall the original safety factor of the equipment be reduced
- Unauthorized personnel cannot ride on powered industrial trucks (PITs)

