

Work **Safe!** Bulletin

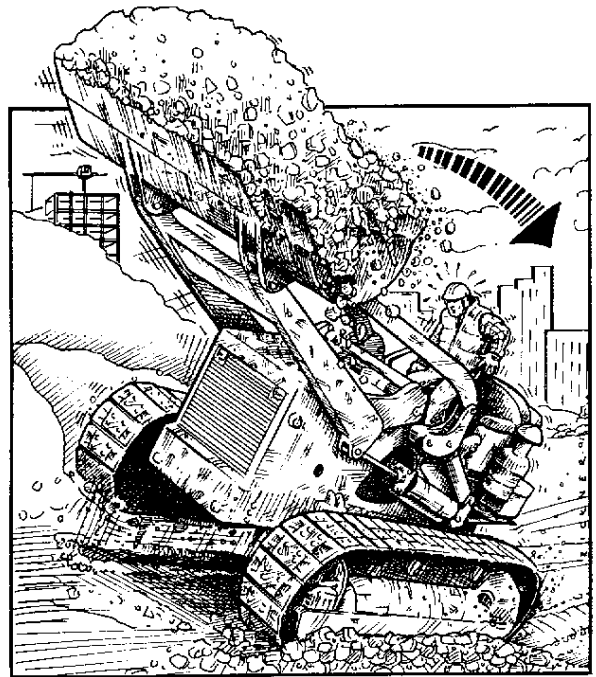
ROLLOVER PROTECTIVE STRUCTURES (ROPS)

BULLETIN NO.100
1999

Amendments to the Construction Safety Regulations, under the Workplace Safety and Health Act, require rollover protective structures (ROPS) and seat belts for mobile equipment.

ROPS are engineered structures designed to reduce the possibility of operator injury in the event of a rollover or upset. The following mobile equipment manufactured after January 1, 1974 require a ROPS:

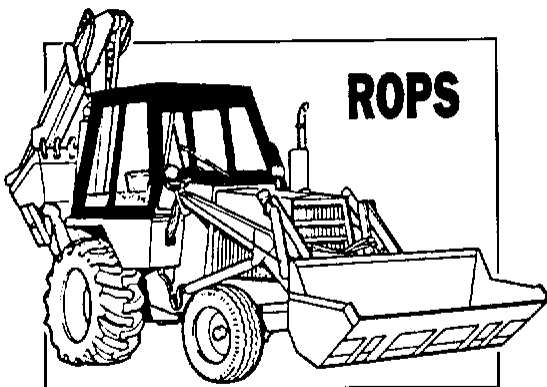
- industrial tractors
- motor graders
- prime movers (scrapers)
- skidders
- tracked and wheeled dozers
- tracked and wheeled loaders
- agricultural tractors used on a construction project.



Compactors and rollers heavier than 2700 kgs (6,000 lbs) manufactured after January 1, 1979 are also included.

The ROPS must be designed and manufactured according to:

- the CSA standard B352-M1980, titled "Rollover Protective Structures (ROPS) for Agricultural, Construction, Earthmoving, Forestry, Industrial, and Mining Machines", or
- the appropriate SAE standards J1040 or J1194.



Seat belts must be provided in all equipment with ROPS. It is essential that the operator wear the seat belt when the vehicle is in operation. The seat belt will keep the operator inside the ROPS structure, during a rollover or upset.