

MOBILE EQUIPMENT

1. Task

Safe operation of mobile equipment on construction sites.

2. Hazards

Electrical, (contact with powerlines), personal injury (struck by/crushed by injuries), inhalation of airborne dust and vehicle exhaust, roll over, slipping of machine.

3. Controls

Pre-Job Safety Assessment (PSA). Vehicle inspection and maintenance by competent qualified worker, site traffic planning, CSA/ANSI approved PPE, audible back-up alarms, trained traffic control personnel.

- ❖ Equipment must be inspected by the operator prior to start up and at regular intervals according to the manufacturer's specifications. The surrounding area must also be inspected for potential hazards prior to start-up.
- ❖ The operator of powered mobile equipment must report to the employer any conditions affecting the safe operation of the equipment, always operate the equipment safely and maintain full control of the equipment.
- ❖ Proper access and egress must be available and maintained in good condition.
- ❖ All operators must be competent and trained in the operation of the equipment to be operated.
- ❖ Use 3-point contact when climbing on or off construction equipment. Clean mud/snow/ice off boots before climbing onto machine to avoid slipping.
- ❖ All equipment must have brakes and a seat or other place for operator.
- ❖ All mirrors should be clean and free of cracks or other damage.
- ❖ All equipment must be equipped with an audible alarm that signals when the equipment is being operated in reverse.
- ❖ All personnel in the area of the equipment shall wear a retro-reflective fluorescent garment.
- ❖ The operator's cab must be clean of debris.
- ❖ When a machine is left unattended, it shall have its brakes applied and buckets, forks, blades, etc. shall be lowered to the ground.
- ❖ A signaler shall be used when required i.e. operator's view obstructed, backing up, overhead powerlines, or heavy worker or pedestrian traffic.
- ❖ Ensure exhaust from equipment is not gathering in areas such as trenches or excavations.
- ❖ If using mobile equipment indoors, the area must be adequately ventilated.
- ❖ Proper PPE must be worn, i.e. hearing protection.
- ❖ The immediate area must be kept free of clutter.
- ❖ Proper warning signs are required i.e. Danger Due to Moving Equipment.
- ❖ Ensure all warning labels and tags are legible.
- ❖ Ensure manufacturer's manual is in the vehicle.
- ❖ Seatbelts and/or other safety equipment must always be in good working order and used when operating or riding in equipment.
- ❖ Caution is to be used when operating on uneven ground.
- ❖ Do not lift loads if vehicle is not level.