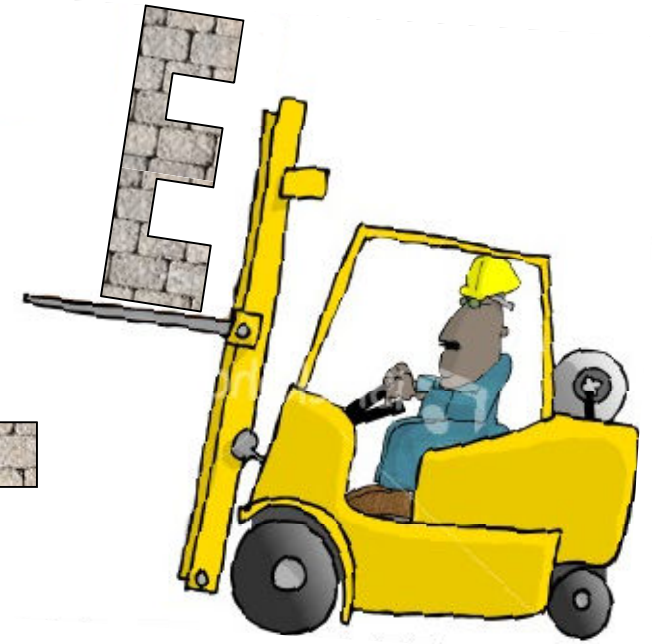


POWERED MOBIL



INDUSTRIAL EQUIPMENT

Mobile industrial equipment are specialized industrial trucks powered by electric motors or internal combustion engines, such as :

- trucks
- dozers
- crane trucks
- excavator
- aerial lifts
- forklifts
- Other

Note: vehicle and service cars are not included.



- Crash, traffic, pedestrian
- Path conditions, road closure, downhill angles, drive on incline
- Overloading and Overturning of vehicles
- Electrical shock
- Collapse, stacking and un-stacking by falling objects
- Falling from vehicles
- Dust, smoke, noise
- Fire and explosion
- Spills, gas and vapour
- Posture and ergonomics

The interface of site, vehicle and pedestrian, and the general condition of plant and vehicles shall be managed

- **Site operators** and drivers with valid licences
- **Safe driving** and action taken to correct unsafe behaviour
- **Traffic plan** issued, updated and enforced as work progress
- **Pedestrian routes/areas** as possible
- **Seatbelts and rollover** protections
- **Reversing beeper** and/or use of visibility aids, warning devices and safe system of work

PAY ATTENTION TO SITE VEHICLES AND ROAD WORKS | 5



SITE DRIVERS SHALL HAVE VALID LICENCES AND FOR SPECIFIC EQUIPMENT, SUCH AS CRANE, FORKLIFT, TRUCKS, EXCAVATORS, ETC. SHALL BE IN POSSES OF PROPER QUALIFICATION AND/OR TRAINING



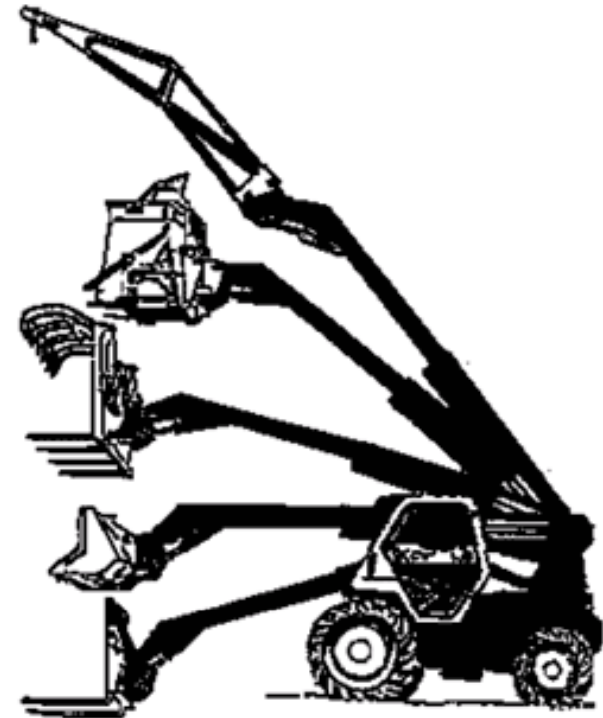
Operators to be trained by an authorized person, by theoretical instruction (lectures, videos, or a combination thereof), practical training, and an evaluation while they operate the vehicle in the workplace before to be allowed to operate without supervision.

<p>Certificate of Achievement</p> <p>This certificate is awarded to _____</p> <p>in recognition of successfully completing the course of study in</p> <p>Lift Truck Operation and Safety</p> <p>Given this ____ day of _____, 19 ____.</p> <p>_____ Trainer</p>

<p>Lift Truck Operator's Permit</p> <p>_____</p> <p>Name</p> <p>_____</p> <p>Dept./Div</p> <p>This Card Certifies that the Employee Named Above is Qualified to Operate a Lift Truck.</p> <p>_____</p> <p>Date Course Completed Trainer</p>
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Refresh training shall be required if:

- operator is involved in an **accident** or near-miss incident
- operator has been observed **operating in an unsafe manner**
- operator has been during evaluation to **need additional training**
- there are **changes in the workplace** that could affect safe operation
- and operator shall **operate a different type** of industrial equipment



All industrial equipment brought into site must be in safe operating condition: entering the site they shall have valid documentation (circulation/manufacture, assurance and inspection logbook).

A copy of the equipment manufacturer's operation manual shall be maintained on site.

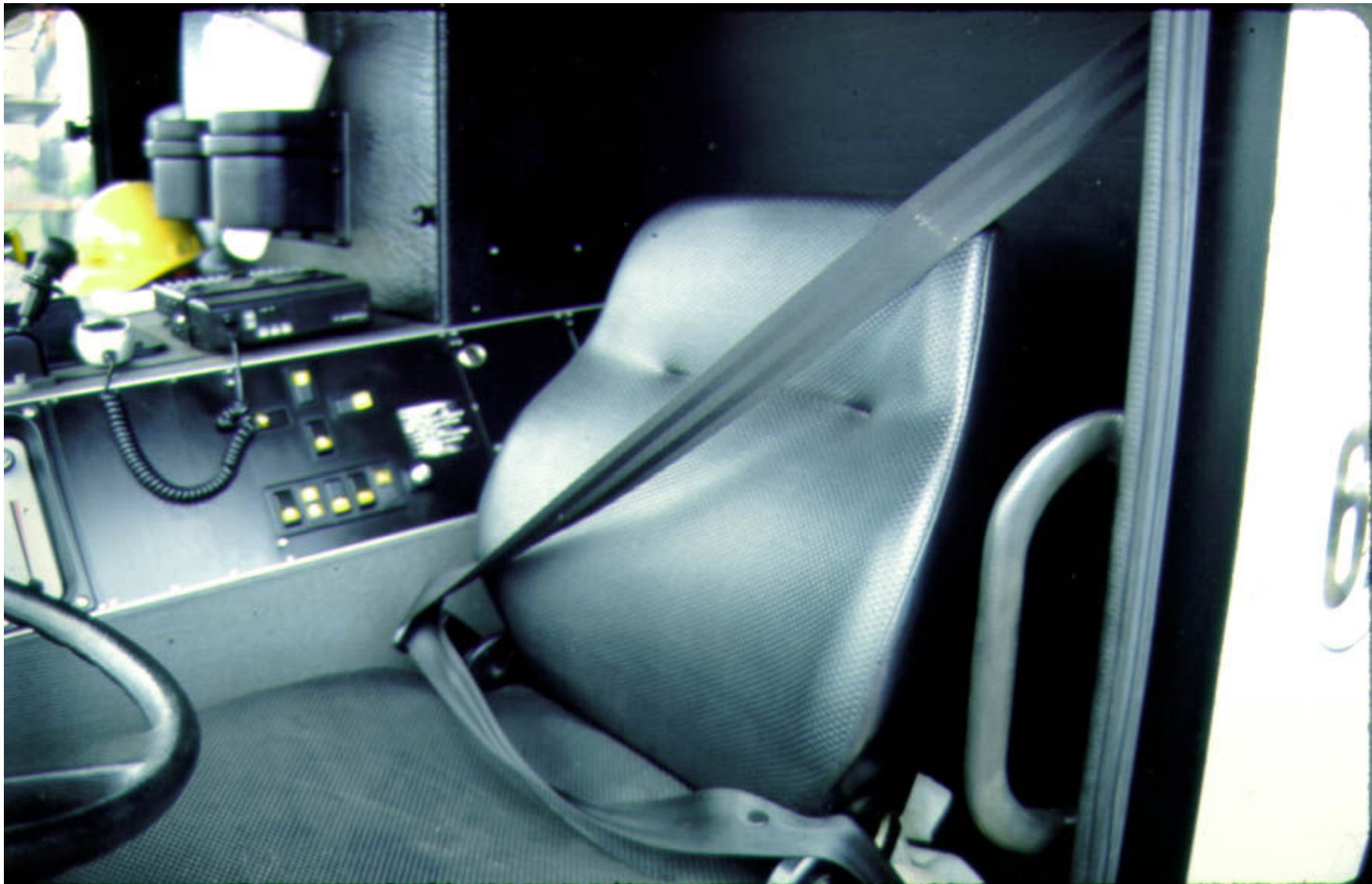
Mobile industrial equipment shall be furnished of all the **safety devices in service**, as foreseen by the manufacturer, such as:

- Reverse beeper
- Fire extinguisher
- Safety belts
- Protective roller
- Alarm sound
- Overhead guard protection against falling of small objects
- Etc.









- All traffic regulations shall be observed, including authorized plant speed limits.
- A safe distance from other vehicle ahead shall be maintained and the truck shall be kept under control



- The driver shall be required to slow down and sound the horn at cross aisles and other locations where vision is obstructed. If the load being carried obstructs forward view, the driver shall be required to travel with the load trailing.

- Running motorized equipment shall not be left unattended
- If an industrial power truck is unattended, load-engaging means shall be fully lowered, controls to be neutralized, power shall be shut off, and brakes to be set. Wheels shall be blocked if it is parked on an incline.
- To operate or circulate in congested areas shall be necessary a flagman wearing a high reflective vest and equipped with flags



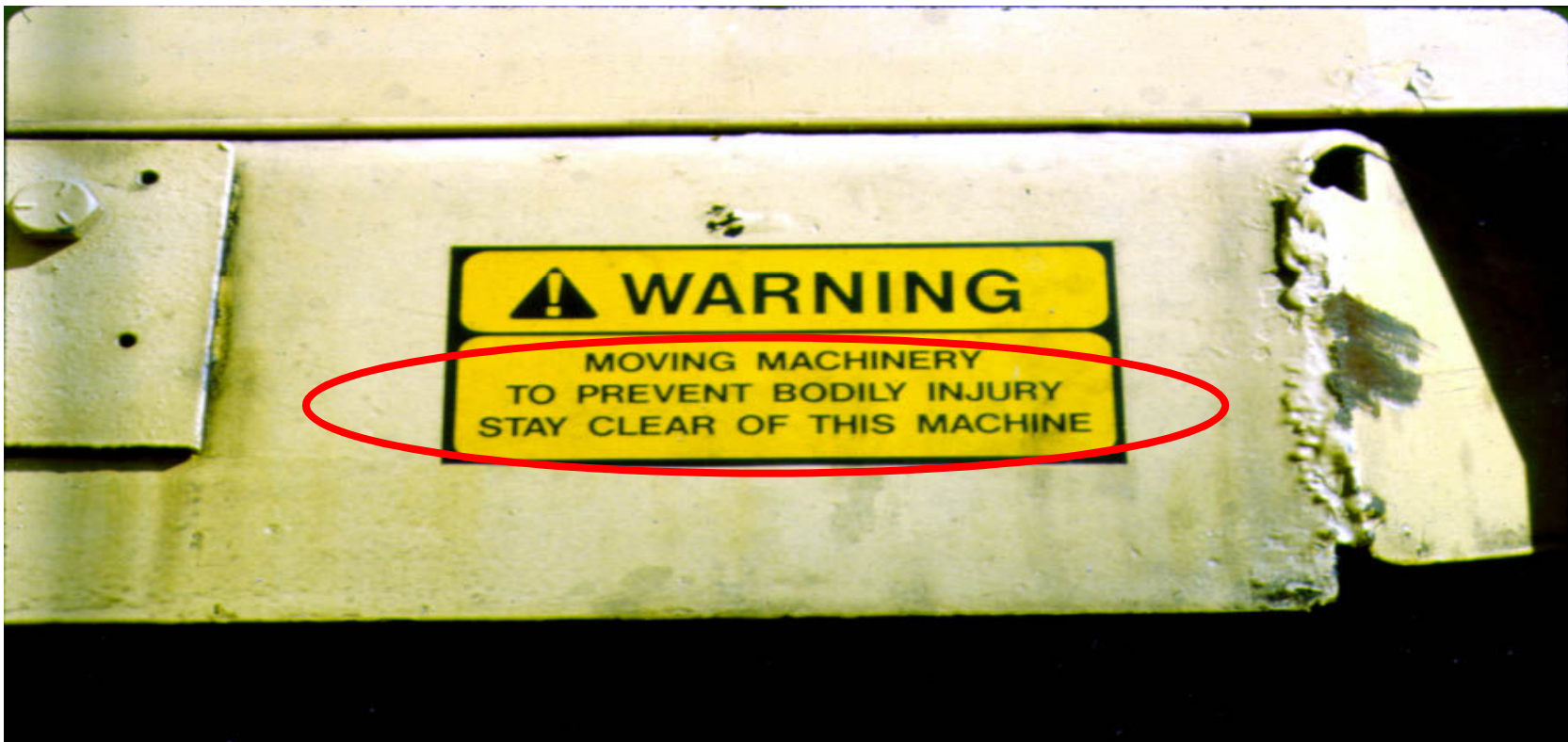
- Vehicles used to transport employees shall have seats firmly secured and adequate for the number of employees to be carried and all passengers shall be properly seated.
- It is not allowed to transport employees in the back of pick-up trucks or open vehicles not designed for that purpose.



FORBIDDEN



- The operator shall not allow anybody to put arms or legs between mechanical parts of the machine and/or load/floor, etc.
- No person shall be allowed to stand or pass under the elevated portion of any truck whether loaded or empty. **STAY CLEAR FROM MACHINES**



- Only **stable or safely arranged loads** shall be handled. Caution shall be exercised when handling off centre loads which cannot be centred.
- Only **loads within rated capacity** of the industrial vehicle to be handled.
- Extreme **care** shall be used **when tilting** the forward to backward.
- Load **acceding** conspicuously the vehicle **shape** shall be **clearly communicated by signs/flags** or a flag man shall be in assistance.

- Great attention shall be given to pipe rack, bridge, power line, etc. while travelling.



- Prior to being used, all mobile industrial equipment arriving at the site to be inspected by competent person.
- The incoming inspection shall be documented on the appropriate equipment inspection form.
- Each equipment shall undergo periodical (monthly) inspection by a competent person, to be documented on a report and/or by colour code system to be applied in order to provide a visual indication of inspection validity and currency.



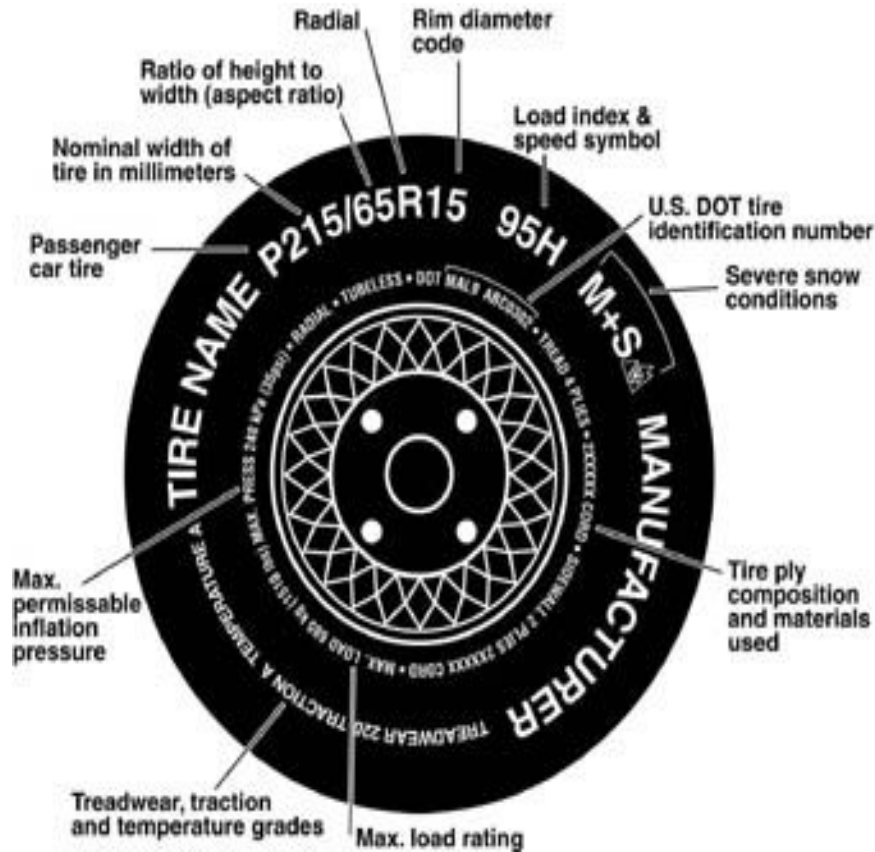
- Prior to operating the equipment for the first time during a shift, the operator shall inspect the equipment as per the manufacturer's guidelines.
- Powered industrial vehicle in needs of repair, defective, or in any way unsafe, it shall be taken out of service until it has been restored to safe condition.
- Fuel tanks to be filled only with the engine off. Fuelling in Live Plant area is forbidden. Spillage shall be cleaned up promptly if it occurs.
- No equipment shall be operated with a leak in the fuel system.



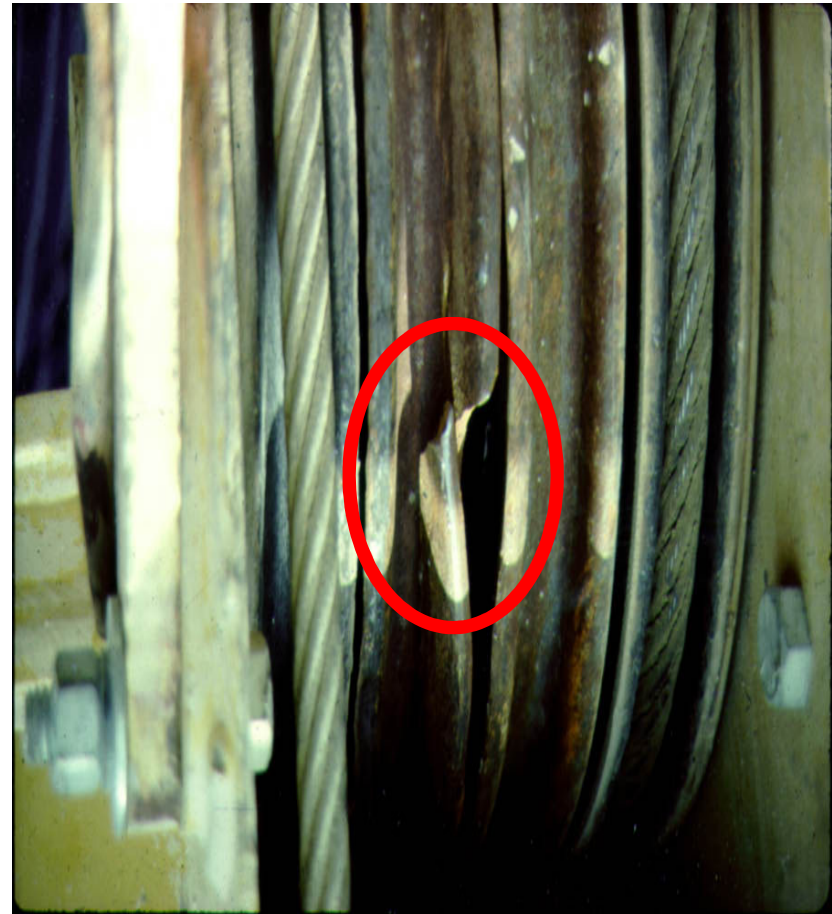
The following pictures illustrate only a few duties that an operator would be expected to do - there are many others, e.g. changing buckets, cleaning air filters, changing hoses, etc. that can be considered as general maintenance



CAB CONDITION



TIRE CONDITIONS



WIRE ROPE and MECHANISM



ATTACH SAFETY TO YOU MOBILE INDUSTRIAL VEHICLE !!!