

Automobile Compressor

Definition: A machine that crushes an automobile hulk by means of a hydraulically or mechanically driven roller or drop crushing device.

Potential Hazards:

Dust

High-velocity flying metal fragments

Moving parts

Noise

Oil, motor or hydraulic fluids

Pinch points

Sharp objects/edges

Swinging/suspended material

Guarding/Shielding:

All shielding must be designed and constructed to stop high-velocity flying metal fragments, and positioned in such a manner as to protect any employee for whom such flying fragments might pose a hazard. This includes the crane operator's cab.

Operators of equipment-lifting devices should be sufficiently distant to prevent being struck by a swinging or shifting load.

Operational switches must be guarded in such a way as to prevent accidental activation.

Power transmission parts such as gears, shafts and belts must be guarded to prevent accidental contact.

Personal Protective Equipment:

Hard hat*

Safety glasses*

Steel toe/steel shank work boots*

Gloves

Hearing protection

*minimum protection

Safety Procedures:

You must develop written procedures for the operation of the equipment, based on manufacturer's recommendations.

You must ground motors and other electrical equipment to prevent electrical shock or ignition of flammable or combustible materials.

You must designate a safety zone where workers may stand while the equipment is being operated.

You must keep suspended loads away from buildings, walking/working areas and power lines.

You must keep emergency-stop controls within reach of operators at all times.

Ground workers and crane/material handler operators must maintain positive contact at all times, whether visually, or via radio or other audible device.

You must establish and document procedures to ensure that fuel tanks are empty, and that the vehicles do not contain other hazardous materials such as compressed gas cylinders.

You must designate the use of non-sparking tools and pumps for removing gasoline from tanks and for disassembling the tanks themselves.