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JSA Focus Area

Working Around Mobile Equipment

The mobile equipment used in our workplaces can be powerful, fast, precise, time-saving, and effective. These very same qualities create hazards that workers must be aware of.

DRIVERS/OPERATORS:

Must maintain a **one meter buffer zone** around the vehicle (on each side, in front, behind, and above), except for curbs, spaces or facilities specifically for parking.

HAZARD AREAS AROUND MOBILE EQUIPMENT:

- **Swing Zones**

The area where a backhoe bucket, picker boom, counter weight, man-lift, etc. can rotate through. The equipment or its load could swing anywhere within this zone.

- **Blind Spots**

The area around any piece of mobile equipment that cannot be seen by the operator when he is in the operator's seats or at the operator's console.

- **Fall Zones**

The area beneath or adjacent to any load being lifted into which the load could fall. Note that the fall zone is not always just beneath the load.

- **Tip Zones**

The area into which the equipment could fall if it over balances or fails. This could include a crane or forklift tipping under a load, or a dump truck tipping from being on unstable ground.

- **Crush Zones**

The places between a piece of mobile equipment and a stationary object or another moving piece of equipment.

- **Pinch Points**

The places on any piece of equipment that could snag, crush, or pinch (eg. spaces around hydraulics and knuckle joints).