



Refractories | Services | Engineering

Avoiding Dangerous Struck-By Accidents

Your Top 10 Safety Tips

PREVENT STRUCK-BY HAZARDS ON THE JOB

Struck-by and “caught between” injuries are the leading cause of nonfatal injuries and the second most common cause of fatalities among construction workers. These injuries occur when a worker is struck by a moving vehicle, equipment, or a falling object, or when the worker is trapped in machinery at the point of operation. The most common sources of nonfatal struck-by injuries involved solid building materials, powered and nonpowered hand tools, and scrap/waste/debris. These injuries are one of OSHA’s “fatal four” hazards, but there are measures you can take to minimize the risks.

YOUR TOP 10 SAFETY TIPS

- 1 Inspect forklifts or other construction vehicles before each shift to ensure that all parts and accessories are in safe operating condition
- 2 Never drive a vehicle in any direction with an obstructed view, and take care on steep grades or ramps that may cause tip over
- 3 Set brakes when vehicles are parked, and chock wheels if on an incline
- 4 When working around vehicles, pay attention to blind corners, intersections or against a wal, and never assume a driver can see you
- 5 Do not stand in front of a windowless, swinging door, and never push open a door forcefully since someone may be on the other side
- 6 Stack materials carefully to prevent sliding, falling or collapsing, and use debris nets, platforms and canopies to catch or deflect falling objects
- 7 Always wear a hard hat, safety glasses, and steel-toed boots if there is any danger of something falling on you
- 8 Never operate machinery without safety guards in place, don’t wear loose clothing, and pull back long hair that may get caught in moving machinery
- 9 When working at heights, protect the people below you from falling objects by using barriers to prevent drops
- 10 Never leave loose tools or parts on ladders, ledges, shelves, cranes or platforms where they can fall on workers below

BONUS TIP When working in a high-risk zone, wear bright gear and reflective vests to be visible to operators of near-by vehicles and machinery

\$1.7B

**STRUCK-BY ACCIDENTS
WORKERS COMPENSATION**

2X

**CONSTRUCTION WORKERS
STRUCK-BY INJURIES**

96%

**STUCK-BY INJURIES CAUSED
BY FALLING/FLYING OBJECTS**