

Toolbox talk

Year-round

5 minutes

Struck-By Equipment Toolbox Talk

Struck-by prevention starts with separation. Set equipment routes, blind-spot controls, spotter expectations, swing-radius zones, and communication before people and machines share space.

READ ALOUD (ABOUT 5 MINUTES)

When people and equipment share space, we need a traffic plan. Operators have blind spots. Workers on foot can move into danger faster than an operator can see and react.

Stay out of swing radius and backing zones. Make eye contact or use agreed signals before approaching equipment. Spotters must stay visible and avoid standing between equipment and fixed objects.

If the route, visibility, noise, or ground condition changes, stop and reset the plan. No load, bucket, or schedule is worth guessing around moving equipment.

INCIDENT EXAMPLE

A worker crossed behind a loader to retrieve a tool while the operator was repositioning. The backup alarm was sounding, but another machine drowned it out. The traffic plan did not separate foot traffic from the equipment route.

CONTROLS TO COVER

- Set and communicate equipment routes before work starts.
- Use exclusion zones around swing radius and backing areas.
- Keep spotters visible and out of pinch points.
- Stop work when visibility, alarms, or communication are not working.

CREW DISCUSSION

1. Where will workers on foot cross equipment routes today?
2. Who is spotting, and what signals are being used?
3. What area is off limits during equipment movement?

QUICK QUIZ

1. What is the best struck-by control?
Separation between people and moving equipment.
2. Where should a spotter never stand?
Between moving equipment and a fixed object or pinch point.
3. What should happen if the operator loses sight of the spotter?
Stop equipment movement until communication is restored.

Toolbox Talk Sign-In Sheet

Attendance record for the talk above. Reviewers (OSHA, GC, ISNetworld/Avetta) expect topic, date, presenter identity, and attendee signatures.

Project / location

Date and time

Topic: Struck-By Equipment Toolbox Talk

Presenter (print)

Presenter signature

NAME (PRINT)	COMPANY / TRADE	SIGNATURE

Concerns raised and follow-up actions (owner, due date)