

POWER TOOLS

Basic checks before using any power tool:

- › Is it the correct tool for the job?
- › Have I been trained and am I competent to use it?
- › Have I read the manufacturer's instructions?
- › Do I know how to stop and start the tool correctly?
- › Do I know where and how to operate the controls?
- › Has it been tested and tagged every 3 months?
- › Is the tool RCD protected?
- › Do I know the faults that could occur?
- › Do I know the potential risks when using this tool?
- › Do I know how to control these risks?
- › Others?

What are your responsibilities when using tools?

- › Make sure it is the right tool for the job
- › Make sure I am trained and supervised, or competent to use the tool
- › Ensure your own and others' safety
- › Follow safe work procedures
- › Identify and report faults and hazards
- › Advise your employer of any medical condition that may affect your use of the tool

Can you name safe practices when using these tools?



Power drill



Powder actuated tool (PAT)



Nail gun



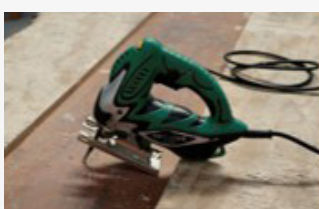
Electric planer



Concrete saw



Circular saw



Jig saw



Reciprocating saw



Table saw



Mitre saw

WORKING AROUND PLANT AND MACHINERY

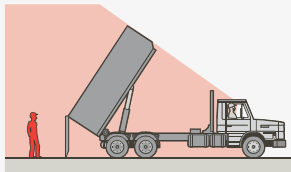
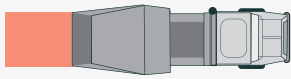
How can you and others be injured when working with and around plant and machinery?

- › Getting struck by a plant or machine, or items from the plant or machine
- › Getting trapped and crushed
- › Coming into contact with services
- › Falling into excavations
- › Hotspots (accidentally touching hot mufflers)
- › Being in the blind spot
- › Getting run over
- › Mechanical failure
- › Overloading
- › Trips and falls
- › Noise
- › Fumes

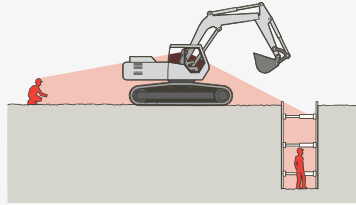
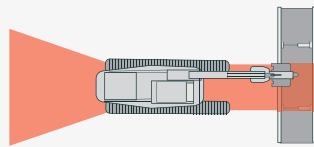
Safe practices when working around plant and equipment

- › Use the right type of plant for the job
- › Complete mobile plant pre-start checks
- › Site awareness
- › Isolate vehicles from the people working on the site; use barriers
- › Audible reversing alarms, flashing lights and reversing cameras
- › Trained, competent and licensed operators
- › Use spotters
- › Have a Traffic Management Plan
- › Have a Vehicle Movement Plan
- › Establish speed limits
- › Mark out services clearly (can use bunting)
- › Ensure safety pins/lock out on the machine
- › Install warning signs at all entrances and exits to the site
- › Use appropriate PPE
- › Others?

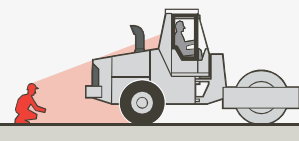
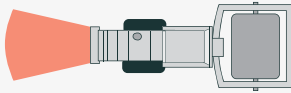
MOBILE PLANT OPERATOR BLIND SPOTS



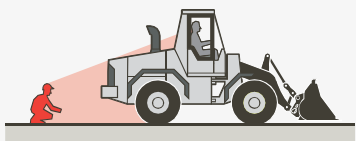
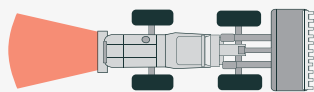
Dump truck



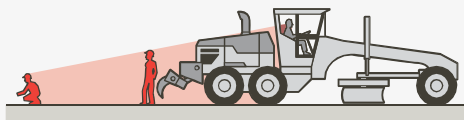
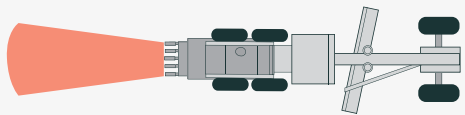
Excavator



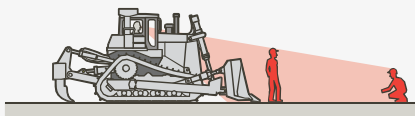
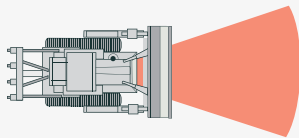
Articulated roller



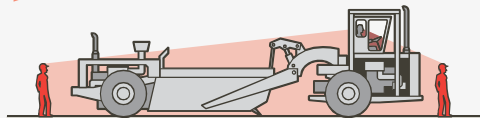
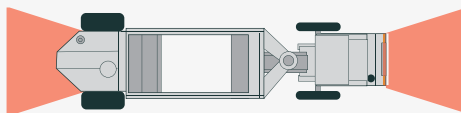
Articulated loader



Grader



Bulldozer



Tractor scraper

Information and images from WorkSafe NZ.

GUIDE FOR SPOTTERS

The spotter must:

- › be trained and competent or work under supervision
- › not do any other job or task while acting as a spotter
- › be clearly visible
- › maintain communication and visual contact with the vehicle operator/driver using spotter hand signals.

The spotter needs to:

- › maintain site awareness
- › be part of the site walk-overs
- › know the vehicle movement plan
- › ensure everyone who needs to know the plan, knows the plan
- › identify potential risks, which may include contact with other vehicles, assets, services or people.



Remember: Drivers must stop immediately if they lose sight of the spotter. Know and use your company's agreed hand signals.

HOUSEKEEPING

- › Keep all passageways free of material, supplies and obstructions
- › Keep work and storage areas tidy
- › Ensure walkways are in good condition
- › Raise (cables), relocate (move objects to a different part) or protect (cover materials)
- › Clean up wet and slippery surfaces immediately
- › Secure loose or light material that is stored on roofs or on open floors
- › Ensure cables or cords are hung up to avoid trip hazards or damage to cords
- › Use cordless tools where possible
- › Establish suitable waste location
- › Provide skips and bins
- › Secure lightweight waste

Consider these questions:

- › What is the attitude of the people at your site when it comes to tidying up?
- › Whose responsibility is it to keep the site clean?
- › Do you have a "see it, sort it" attitude or do you have a "your mess, not mine" attitude?
- › Are your cleaning procedures effective?
- › How can you make it better?



If you are a Site Safe member, log in to My Site Safe for more information.