

Workshop General Hazards

Environmental Hazards

Hazard	Remedy
FLYING CHIPS <i>In a shop environment, wood or metal chips might go flying through the air unexpectedly and cause eye injury.</i>	Safety glasses are required to be worn in the shop by all personnel at all times.
LOUD NOISES <i>Shops are noisy. Some shop sounds are loud enough to cause hearing damage.</i>	Wear ear protection as appropriate. Announce to the room before making loud noises.
DUST/FUME INHALATION <i>Tasks like sanding, gluing, and painting can generate dust and fumes that are bad to inhale.</i>	Wear a respirator and set up ventilation as appropriate. Announce to the room before generating excessive dust/fumes.
SHARP EDGES <i>Shops are full of sharp things. In addition to blades, there are unfinished edges and splinters.</i>	Wear gloves/long sleeves as appropriate except where this would create an entanglement hazard.

Tool Hazards

Hazard	Remedy
DIRECT CONTACT WITH TOOL <i>Saws, drills, sanders, and other tools can rapidly cause serious harm to the human body.</i>	Keep all body parts outside of the tool's safety exclusion zone including when the zone is outside your direct line of sight (e.g. the underside of a board when using jigsaw). Remember that some tools remain hazardous after being switched off, like a blade that hasn't stopped moving or a glue gun that hasn't cooled off.
ENTANGLEMENT WITH TOOL <i>A tool can grab onto a loose sleeve or necklace and pull it in. The tool will pull you in along with the loose object.</i>	Eliminate all entanglement hazards. Remove all hand jewelry, bracelets and watches. Roll up all loose sleeves. Remove, tie back, or tuck in all loose strings, necklaces, neckties, and long hair.
MATERIAL THROWN BY TOOL <i>Tools are powerful and can launch unrestrained material across the room.</i>	Firmly grip or clamp material as appropriate while working on a tool. Whenever possible, stay out of the tool's 'line of fire'.

Activity Hazards

Hazard	Remedy
DROPPED ITEMS <i>Falling items pose a risk, as do sharp objects that have fallen on the floor.</i>	Closed-toe shoes are required to be worn in the shop by all personnel at all times.
HANDLING LARGE ITEMS <i>Large items in motion pose a threat to you and others in narrow or crowded spaces. They are also unwieldy and can make it harder to balance.</i>	Seek advice/assistance as necessary before moving large items through the shop/school. Avoid moving large items through a dense crowd.
HANDLING HEAVY ITEMS <i>Improper handling of heavy items can lead to joint and back injury. They are also unwieldy and can make it harder to balance.</i>	Seek advice/assistance as necessary before moving heavy items through the shop/school. Avoid moving heavy items through a dense crowd.