

# Risk Assessment Guidance

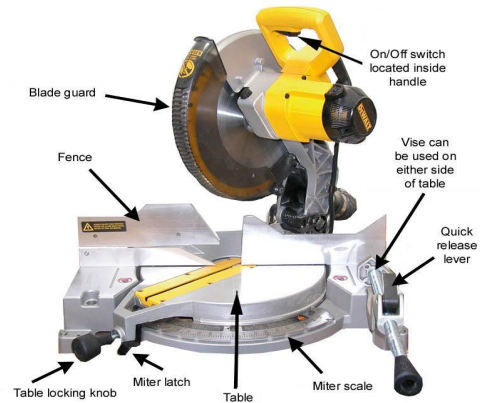
## Title

## Mitre Saw

This risk assessment guidance has been carried out for the mitre saw located within workshops. This document is a general risk assessment only for the use of mitre saws.

All safety signage should be displayed in this area and only operatives who have been trained are permitted to operate this equipment.

This risk assessment should be reviewed fully by users of mitre saws prior to use of such equipment for the first time and in the event that it is not sufficient to control the risk posed by the model in question then the user should report this to the supervisor.



Job Sequence	Hazard Identification	Controls
Conduct pre-operational checks	<p>Poor condition of mitre saw.</p> <p>Damage to the machine or guards.</p> <p>Provision and use of work equipment.</p>	<p>A log of use must be kept for each table saw where deemed necessary by the manufacturer's instructions.</p> <p>Each machine must be serviced by a competent person as per the manufacturer's suggested intervals.</p> <p>Mitre saws must be visually inspected before each use and damaged machines reported to the workshop supervisor. Damaged machines must not be used until they have been examined by a competent person.</p> <p>All mitre saws must be maintained in accordance with the manufacturer's instructions.</p>
Operation of the table saw	<p>Incorrect Use.</p> <p>Entanglement.</p>	<p>No person may operate a mitre saw without first receiving instruction in the safe use of that particular model / type.</p> <p>Mitre saws must only be used as per the manufacturer's instructions.</p> <p>Suitable PPE should be worn where required – consider hand, eye and hearing protection.</p> <p>Long hair must be tied back when operating a saw.</p> <p>Loose fitting clothing must not be worn when operating a saw. Never lean over the unit or leave a running saw unattended.</p> <p>Bench versions must be securely mounted to the bench. A guard should be used to enclose the non-cutting part of the saw blade</p> <p>Machines should be fitted with a spring assisted return mechanism</p> <p>Ripping operation should not be carried out</p> <p>Blades should be sharp and should be of the correct pattern and distortion free.</p>

## Risk Assessment Guidance

		<p>Never clean the blade with a hand-held brush or scraper while the blade is in motion. Careful adjustment and regular maintenance of blade and pulley cleaning equipment will ensure residues do not build up.</p> <p>In the event of any blockages or malfunctions the power supply to the unit must be turned off before dealing with same.</p> <p>Care should be taken to avoid damaging the saw blade.</p>
Hazards	<p>Trapping.</p> <p>Flying objects.</p> <p>User Injury.</p> <p>Entanglement.</p> <p>Risks.</p>	<p>Fingers or material can become trapped between the blade and a fence or guard.</p> <p>Work pieces can be thrown violently if not held correctly, as a result of “kickback” or if the machine starts unexpectedly.</p> <p>Human contact with moving or rotating parts can cause cuts or abrasions and particles from the sawing process can enter the eye. On some radial arm saws, the blade can move forward inadvertently.</p> <p>Long hair, dangling jewellery or loose clothing can become entangled with rotating parts, dragging the user onto them</p> <p>Inadequate guards on mitre saws - trapping presents a low risk. “Kickback” can occur as a result of missing teeth or from the nature of the material being cut. The risk is high with circular saws and radial arm saws set to rip. Band saws present a lower risk.</p> <p>All saw blades present a high risk unless adequately guarded.</p> <p>All machine saws generate flying dust.</p> <p>Entanglement is likely to occur if rotating parts are exposed.</p>
Work Environment	<p>General environment, ventilation and lighting levels.</p> <p>Space to operate and handle materials safely.</p> <p>Housekeeping.</p>	<p>Machines should not be used if there is a risk the operator could be distracted.</p> <p>There must be sufficient light to see the piece being worked on clearly.</p> <p>There must be sufficient desk and floor space around the unit in order to allow the operator a free range of movement.</p> <p>Ensure power cables are properly isolated from the moving blade.</p> <p>It should be possible to lock the machine to off when not in use. A mushroom headed STOP button that can quickly stop the machine in an emergency</p> <p>Keep the floor around the unit free of oil and grease.</p>

## Risk Assessment Guidance

First Aid		<p>Information for the appointed medical personnel is displayed in workshops.</p> <p>Make sure you are aware of the first aid provisions in place.</p> <p>All accidents &amp; near misses must be reported to your Supervisor</p>
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**All persons working with this equipment or within close vicinity must sign and show that they have read and understood the risk assessment guidance and that they will follow the above control measures set out whilst working.**

Additional Guidance	COSHH Assessment	Method Statement	Other (Specify)
		N/A	Only trained persons are allowed to operate this equipment.
Name			
Signed			Date