

# Risk Assessment Guidance

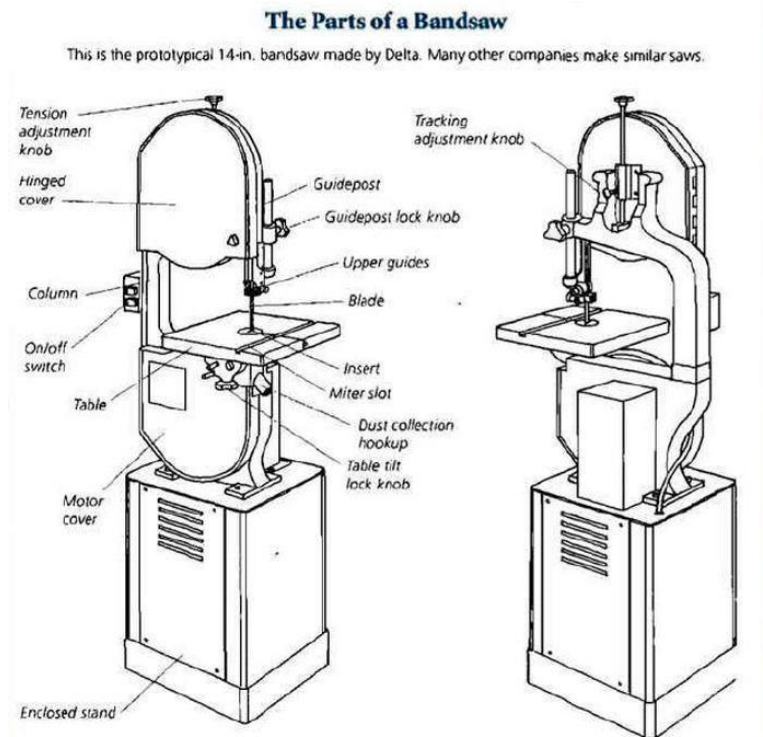
## Title

## Band Saw

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

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 the band saw prior to use 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 and saw or cutting blade.</p> <p>Damage to the machine or guards.</p>	<p>A log of use must be kept for each band saw where deemed necessary by the manufacturer's instructions and serviced by a competent person as per the manufacturer's suggested intervals.</p> <p>Units must be visually inspected before each use and damaged machines reported to the supervisor. Damaged machines must not be used until they have been examined by a competent person.</p> <p>All band saws must be maintained in accordance with the manufacturer's instructions.</p>
Operation of the band saw	<p>Incorrect Use.</p> <p>Work pieces jamming.</p> <p>Inadvertent starting of the machines.</p> <p>Ejected work pieces, etc.</p> <p>Unexpected spinning of hand held work pieces could cause injuries.</p> <p>Closing movement between parts can lead to trapping.</p>	<p>The machine is provided with a power isolator adjacent to the machine and controlled by a starter incorporating overload protection and no-volt release.</p> <p>The power isolator is capable of being locked "off" on all occasions when the machine is not in use, if a locking device is not incorporated in the machine itself.</p> <p>Machines should be fitted with a braking device to ensure run down time does not exceed 10 seconds.</p> <p>The pulley drive and gear must be totally guarded.</p> <p>The length of blade which must be exposed varies according to the thickness of the wood being cut. The top guard must be adjusted to the lowest possible position and the section of the blade above it adequately guarded.</p>

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		<p>The section of blade between the underside of the table and the lower guide must be guarded.</p> <p>All access covers must be secured by a tool operated device or other means.</p> <p>The machine must be secured to the floor so that it does not rock whilst being used.</p>
Personal Protective Equipment	<p>Hands and fingers can contact material being worked.</p> <p>Clothing/hair can become entangled.</p> <p>Wood dust can be inhaled.</p> <p>Noise damage.</p>	<p>Please ensure you wear the correct PPE when operating the band saw, lanyards/ID badges should be secured as well as loose clothing and long hair tied back.</p> <p>Eye protection conforming to at least BS. 2092 (general purpose) must be used.</p> <p>Depending on the material being worked with RPE may be required, it's advisable to always wear a suitable dust mask when completing tasks creating dust.</p> <p>Depending on materials being worked and length of task hearing protection may be required, if you need to raise your voice to be heard then hearing protection should be used.</p>
Work Environment	<p>General environment, ventilation and lighting levels.</p> <p>Space to operate and handle materials safely.</p> <p>Housekeeping.</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>Ensure all control devices and in particular the emergency stop (if fitted) are within easy reach of the operator.</p> <p>Keep the floor around the unit free of oil and grease.</p>
First Aid		<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 above during their work processes.

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