



## Safety Awareness Program KDW-04 Sliding Compound and Mitre Saws

### Introduction.

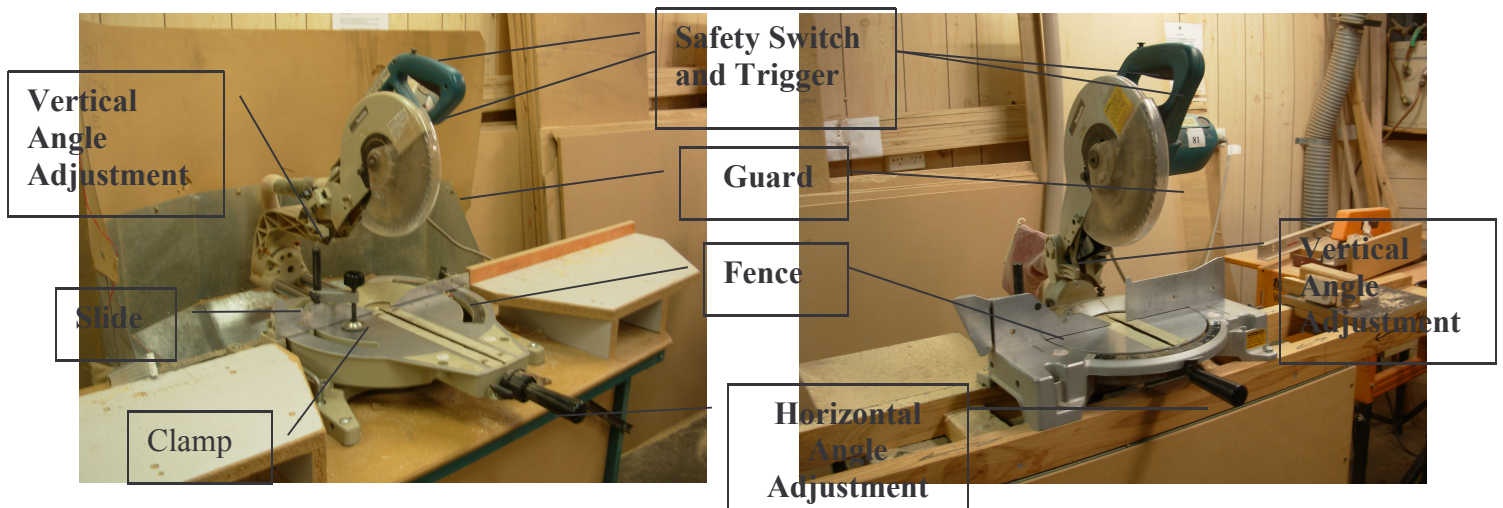
This safety Awareness procedure forms part of the Knox and District Woodworkers Inc. Safety Awareness Program, and details the safety requirements to be adopted in the operation of the equipment described below.

### Definition.

The Sliding Compound and Mitre Saws at KDWC are electrically driven circular saws that have been designed for the cutting of straight cuts and compound angles in timber. These saws are fitted with all appropriate guarding and this guarding is not to be removed under any circumstances, except by the authorized personnel when performing maintenance work.

Sliding Compound Saw

Mitre Saw



### Safety. (General).

Prior to the operation of the Sliding Compound and Mitre Saws the following safety rules must be applied.

- Be aware of the emergency stop procedure. (Ref KDW-01)
- Member must ensure that the extraction outlet is open at all times when operating the equipment.
- All timber must be checked for nails, screws and other imbedded objects through the use of the clubs metal detector. **(No logs or irregular shapes to be cut on these saws).**
- Ensure the guards are properly attached and operating.
- Ensure the member is aware of other members in the immediate area.
- Ensure work area is clear of obstructions that may cause tripping or falling.
- Ensure member is aware of dangers associated with the movement of the blade.
- The dangers of loose clothing or long hair being caught in machinery is well documented, therefore when using this machine, the member must wear the appropriate clothing. (Ref KDW-01)
- Member must ensure that the extraction outlet is closed when operations are complete.



Safety Awareness Program KDW-04  
Mitre/Compound Saw

### Operation.

The Sliding Compound and Mitre Saws work on the principle of a circular saw blade being lowered on to the timber and cutting to a specific depth and angle through the use of stops and locking mechanisms. Prior to cutting any timber with these machines, ensure the settings are locked in place and the guard is fully functional. **(Do not touch the moving blade).** Do not remove cut offs until the blade has stopped and the saw is fully raised with the guard fully locked in place. When cutting with the Mitre or Sliding Compound Saws, it is extremely important to always ensure the work piece is properly secured. In the case of the Mitre Saw the blade is lowered until the appropriate cut has been completed, and in the case of the Sliding Compound Saw, pull the carriage toward you fully, switch on the tool without the blade making any contact and wait until the blade attains full speed, press down the handle and push the carriage toward the guide fence and through the workpiece. When using a stop as a guide to length, ensure there is no build up of sawdust between the work piece and the stop, this could prevent the work piece from sitting firmly against the backrest of the work bench. The work piece can be held in position either by the hand, clamps or by the use of a specifically designed holding stick. Always operate with a firm grip on the operating handle with your feet planted firmly on the ground, stand firm and always keep your hands and fingers at least 100mm away from the cutting edge. (150mm in the minimum length of timber to be cut on this machine). **(Never use the saw cross armed).** When cutting larger pieces of timber, clamp the work piece to the table, stand firm and ensure there is adequate lighting. **(Ensure the guard does not foul on the timber).**

### Housekeeping.

When operating any machinery or equipment ensure there are no obstacles, work or any other obstruction cluttering the work area. It is part of each member's responsibility to clean up the machine and surrounding area after use and ensure an adequate level of housekeeping is maintained throughout the workshop area ensuring the safety of themselves and all other members.

### Conclusion.

The above safety requirement is intended to ensure the safety and well being of all club members, for detailed instruction on the operation of the above equipment refer to the appropriate club members. It is expected that each member will ensure that all work undertaken is carried out with consideration and due care for all.