

## SAFE WORK PROCEDURES MOBILE SAW BENCH



### SPECIAL INSTRUCTIONS:

1. These saws must only be used by persons who have been instructed in the safe use of the machine and the safety precautions to be observed, and who are authorised to operate the saw bench.
2. **Unguarded sections of circular saw blades are dangerous, and can cause serious injury, amputation, and death**

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
1. General precautions	Risk of injury  Flying particles Noise Cuts and splinters Falling objects Entanglement	Only competent persons are to operate these machines – prevent unauthorised entry (including children and animals) into operating area. Ensure that working area is clear, and free of trip and slip hazards and obstructions Protect eyes and face from splinters, flying particles and sawdust while cutting. Harmful noise levels will be generated by motor and saw when operating. Protect hands when handling rough or sharp objects, including sawn timber. Protect feet from falling offcuts and dropped logs and timber sections to be sawn. Do not wear loose clothing or jewellery, and contain long hair when using saw.	Persons impaired by alcohol or drugs must not be allowed into work area. Keep area free of offcuts and waste. Wear <b>safety glasses or goggles</b> . Wear <b>ear plugs or muffs</b> . Wear <b>leather (or similar) gloves</b> . Wear <b>foot protection</b> . Wear close fitting clothing or overalls.
2. Setting up	Slip and trip hazards	Select level area free of obstructions, holes and mud, etc, for sawing operations. Ensure that stabiliser is lowered firmly to ground, and saw bench is stable. Ensure that adequate working space is available for safe movement around saw.	Set up machine on level ground. Saw must be fully stabilised before use. Provide clear work area for operator.
3. Pre-start checks	Risk of fire Damaged or faulty blade Sticking table Loose parts	Check fuel and oil levels on petrol or diesel powered machines, and top up if low. Carry out visual inspection of saw blade for warps or cracks, and missing teeth. Check table for easy movement – rectify if table sticks or is difficult to move. Carry out visual check for loose or missing fasteners, and ensure guards are secure.	No smoking to be allowed near saw. Replace faulty or damaged saw blade. Saw table must move freely and easily. <b>Do not use saw without all guards.</b>
4. Operation	Over-exertion/strain injury	Obtain assistance when lifting and carrying large, heavy and awkward objects. Avoid dropping logs and timber on to saw bench – load slowly to prevent damage. Keep hands and body well clear of cutting zone when feeding logs into saw. Do not force saw – allow to cut at own speed, and resharpen saw if cutting slowly. Ensure that saw table retracts fully following each cut.	Observe correct handling procedures. Do not drop logs and timber on table. Stand clear of line of saw blade. Do not force timber into saw blade. Extend table to reposition timber.
5. Towing of mobile saw bench	Moving parts  Unroadworthy vehicle.	Ensure that saw table is fully retracted and secured against movement. Raise rear stabiliser leg and clamp into position before moving trailer. Ensure that trailer is correctly hitched, and safety chains connected and secured. Check that trailer lamp lead is plugged in and inspect operation of all lamps.	Do not transport with table extended. Transport with leg fully raised. Raise and lock jockey wheel for travel. All lamps must operate for road travel.
6. Cleaning and maintenance		Clean cooling fins of motor regularly to remove sawdust and debris, etc. Clean pre-filter on air cleaner regularly, and replace filter when unserviceable. Inspect saw blade, and replace worn segments or resharpen teeth if worn or dull. Check operation of guards, table and other moving parts, and clean and lubricate slides and rollers to ensure free movement of moving parts. Inspect road wheels and tyres for wear and damage, and check tyre pressures.	Wear eye protection when or if using compressed air to clean cooling fins. Use compatible replacement parts. Ensure all parts of saw move freely. Rectify or repair wear and damage. Keep all tyres correctly inflated.

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### PRECAUTIONS:

The following precautions are to be observed in areas where these procedures are carried out.

