

SAFE WORK PROCEDURES DEMOLITION SAW



SPECIAL INSTRUCTIONS:

- Only those persons who have been trained in the safe use of and who are authorised to do so are to operate a demolition saw.

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
1. Pre-start checks	Loose, worn or broken parts Controls Guards Blade	Inspect all screws, bolts and nuts – retighten if loose and replace if missing. Check operation of all controls, including ignition cut off switch. Check that all guards are fitted and that moving parts are free to move. Inspect blade, and replace if badly worn, or if chipped, cracked or damaged.	Do not use faulty equipment. Guards must be fitted before use. Do not use worn or damaged blade.
2. General precautions	Noise Flying objects Electrical hazard Fire	Machine will generate hazardous noise levels during operation. Ensure that guard is fitted correctly to protect from sparks from cutting. Use safety switch when using electrically powered demolition saws. Ensure that lead is kept clear of and not exposed to falling parts or sharp edges. Eliminate all ignition sources when refuelling machine.	Operators must wear hearing and eye protection, safety footwear and gloves. Keep electrical leads off ground. NO smoking where fuel present.
3. Operation	Dust Over-exertion/strain injury Contact with moving blade Slips, trips and falls Risk to other persons	Concrete and brick dusts may contain silica – wet cut whenever possible. Operators should adopt safe work postures and movements. Always hold saw with both hands when cutting. Keep hands clear of blade. Do not cut higher than shoulder height; and do use not for inverted cutting. Ensure that work area floor is clear of scrap and debris, and that adequate space to work comfortably is available. Keep all other persons clear of cutting area, use warning signs and barricade area to prevent unauthorised entry.	Wear dust mask if dust is present during cutting. Use work practices that minimise risk of “kick back”. Provide bin for scrap pieces. Sweep floor regularly. Prevent unauthorised entry to work area.
4. Cleaning and maintenance	Hand injury (cuts and/or abrasions) Foreign body in eye	Remove lead from spark plug before commencing work on blade. Use correct (supplied) spanners and tools to undo spindle nut. Use brush to clean dust and debris from guard, spindle and backing plate. Ensure spindle thread is undamaged, and that backing plate sits flush. Ensure compatibility of replacement blade – correct outer diameter, correct spindle hole diameter, blade speed matches machine speed. Mount parts in correct order, and tighten firmly with the correct tools.	Unplug electric powered machines. Wear leather gloves when handling rough or sharp parts. Wear eye protection. Ensure all surfaces are clean. Do not use incompatible blade. Do not over tighten nut.

PRECAUTIONS:

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

