

Sydney Waste & Property Services

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Safe Work Method Statement

version 1.8

Activity / Task: **Demolition Saw Cutting, Concrete, Brickwork & Sandstone (Petrol & Electric)**
Project / Location: All Jobs

Company: Sydney Waste & Property Services

Signed by: Jamie Ross

Date: 15/03/2017

Principal Contractor: Cape Cod

Accepted by: Robert Moerman

Date: 15/03/2017

Steps	Potential Hazards	Controls / Responsible Person(s)
1. Sydney Waste & Property Services to provide ongoing training and assessment on "demo" saw usage.	<ul style="list-style-type: none">All hazards listed below	<ul style="list-style-type: none">Sydney Waste & Property Services to provide ongoing training on "demo" saw usage. By: Sydney Waste & Property ServicesOnly allow experienced workers to cut wall penetrations. Onsite training to be conducted under strict supervision of senior staff members deemed competent by the company Managing Director, Jamie Ross By: Sydney Waste & Property Services
2. Access to Site & Cutting Area	<ul style="list-style-type: none">Slips Trips & FallsOther Workers and General Public Access into work area	<ul style="list-style-type: none">All workers to register before entering the site; to read the General Construction Safety Plan signage; and to read the Site Specific Risk Assessment form By: WorkerIf cutting at heights a working platform to be used, either a scaffold type system or trestle platform minimum 2 board wide 450mm total. Worker not to attempt cutting without appropriate heights access. Worker not to work (one out) onsite when cutting at heights. A ladder is not an option By: Sydney Waste & Property Services & WorkerToolbox talk with other workers onsite to be carried out to outline exclusion zone and other relevant concerns By: WorkerEnsure Site is secure from general public access By: Principal ContractorAny work carried out on a platform above 2m platform height requires handrail fall protection By: Sydney Waste & Property Services & Worker
3. Setting Up Equipment	<ul style="list-style-type: none">Worker FatigueBlade KickbackExposure to DustExposure to Exhaust FumesCuts from saw bladeEye InjuryHearing LossBack InjurySunburn	<ul style="list-style-type: none">Ensure correct diamond blade is used specific to the medium to be cut i.e. brick, concrete, sandstone. Check the blade is not worn out. This will help prevent worker fatigue and kickback By: WorkerCheck saw blade is securely fastened and the guard is positioned correctly for the cut. The guard angle needs to be adjusted depending on the angle of the machine to the cutting area. i.e the guard should be closer to horizontal (pulled back) for low cuts and then pushed forwards for cuts waist to shoulder height. By: WorkerEnsure sufficient water pressure is available to suppress dust By: Principal Contractor & WorkerIn a semi confined space a two fan extraction system is required (air in and air out). Open all windows in work area and monitor area for air quality. An electric demolition saw is required for any confined space that air in air out cannot be achieved. Limit cutting time and allow atmosphere to clear where appropriate. By: Sydney Waste & Property Services & WorkerSafety Glasses, Hearing Protection and respirator to be used by all workers onsite when saw is in use. Provided to all Sydney Waste & Property Services staff members By: Sydney Waste & Property Services & WorkerStart saw and check the throttle trigger and off switch is working before cutting commences By: WorkerCheck blade is not missing any diamond segments and is not warped. By: WorkerUse of a trolley for large concrete ground slabs, limit bend over cutting for prolonged periods By: Sydney Waste & Property Services & WorkerUse RCD device for electric type saw By: Sydney Waste & Property Services & WorkerSun protection to be used when working outdoors. (Hat, long sleeves, pants and sunscreen) By: Worker

- Do not allow top half of the blade to come into contact with the material to be cut. Position guard to prevent this happening. **By: Worker**
- Hold saw firmly with both hands in a comfortable position **By: Worker**
- Position head and body to the side of the blade, not directly above or behind **By: Worker**
- Do not apply excessive force when cutting. Allow saw to rev at approximately 70%, If below reduce pressure to allow saw to cut freely **By: Worker**

4. Assess Hazards (Services)	<ul style="list-style-type: none"> ● Electrocution & Electric Shock ● Explosion 	<ul style="list-style-type: none"> ● Gas Services to be terminated By: Principal Contractor ● Training of staff "Volt Stick" By: Sydney Waste & Property Services ● Electrical services to be terminated By: Principal Contractor ● Confirm no services are located in or around walls to be cut. Use the volt stick to double check terminated electricals. If necessary turn off all power at the power board and check again with volt stick. In this scenario an independent battery powered light source to be used in any darkened work areas. By: Sydney Waste & Property Services & Worker ● Check in and around cutting area for water services report to principal to have services relocated By: Principal Contractor & Worker
5. Assess Hazards (Structural Integrity)	<ul style="list-style-type: none"> ● Crush Injuries ● Saw Kickback ● Falls 	<ul style="list-style-type: none"> ● Propping of load bearing lintels over doorways and window openings that are being extended in height By: Principal Contractor & Worker ● After cuts are made a structural lintel is to be installed by a competent person above the existing opening before any brickwork is manually removed By: Principal Contractor ● Do not cut completely through structural lintels until they have been propped and the brick work and or blockwork above is first removed By: Worker ● Ground slabs need to be checked from the side to ascertain if they are a suspended or resting firmly on the ground. A small square can be cut and jackhammered out on top of slab to check this By: Worker ● Appropriate personal Fall Protection Devices for staff working on suspended slabs at height. Consultation between Principal, Sydney Waste & Property Services and worker before any of this type of work commences By: Sydney Waste & Property Services & Worker ● Always cut in straight lines, bent line cuts create unnecessary wear on blades. This can cause kickback and damage equipment. By: Worker ● Suspended slabs may need to be propped underneath, refer to consultation process. By: Principal Contractor & Sydney Waste & Property Services & Worker

Person responsible for ensuring compliance with SWMS:
 Person responsible for reviewing SWMS control measures:

Jamie Ross
 Cape Cod Australia