

SAFE WORK PROCEDURES PAVEMENT BREAKER



SPECIAL INSTRUCTIONS:

- Operators must be trained in the safe and correct use of pavement breakers before being allowed to use these tools in a workplace.

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
1. General precautions	Pre-use inspection Over-exertion/strain injury Noise Vibration Falling objects	Inspect tool for loose or broken parts, ensure connections are in order. Pavement breakers are generally in the range of 20kg to over 40 kg, and care is required when using to avoid lower back strain and soft tissue damage. Observe recommended lifting practices when using breakers – keep back as straight as possible, flex knees and use legs to lift breaker. Avoid jamming drill – have good supply of sharp drills on hand. Breakers, especially pneumatic and I/C, can generate harmful noise levels. Percussive action high creates vibration levels for person holding the unit. Breaker will drop suddenly if drill breaks while being used. Ensure that drill lock is firmly in position to prevent drill falling out.	Observe correct lifting practices. Use load balancer if possible to reduce weight of lift. Do not use dull drills. Wear hearing protection . Wear leather gloves . Wear foot protection . Wear leather apron to protect clothing during use.
2. Pneumatic types	Trips and falls Flying objects Dust Noise	Air hose will present trip hazard – keep clear of work areas. Use clips to prevent air hoses disconnecting whilst under pressure. Use silenced breakers where possible to reduce noise levels. Exhaust air will blow dust and grit into air, hazard to eyes and lungs. Ensure that compressed air source is able to provide adequate air to all tools used. Regularly inspect hoses and connections for wear or damage, and replace if faulty. Drain water trap regularly and keep oiler topped up.	Keep hoses clear of traffic areas. Check connectors for wear. Wear hearing protection . Wear eye protection , and P1 particulate dust mask in dusty conditions. Turn off air tap if not in use. Use recommended oil in oilers.
3. Electric types	Electric shock	Safety switch must be used when using electric power tools. Tool must be within current electrical inspection period. Inspect casing, lead and plug for evidence of wear or damage before use. Other types of tools should be preferred for use in wet conditions.	DO NOT USE without safety switch. Unplug machine to clean or carry out maintenance.
4. Internal combustion (I/C) types	Exhaust fumes Noise Fire risk	Two stroke and petrol motors will generate large quantities of toxic exhaust gas, making these machines unsuitable for use in enclosed or confined spaces and deep excavations and trenches. Motor will create high noise levels in confined spaces and enclosed areas. Allow tool to cool before refilling fuel tank. Avoid spilling fuel.	Use in well-ventilated area, or provide forced ventilation. Supplied air respirator may be required in enclosed areas. Wear hearing protection .

PRECAUTIONS:

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

