

SOP - Jackhammer Petrol

DO NOT use this plant* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SOP may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant/work. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Long and loose hair must be contained or covered.



Hearing protection must be worn



Foot protection must be worn



Hand protection must be worn



P2 face mask must be worn when airborne dust or fumes are created



Protective body clothing must be worn



High visibility clothing must be worn



Head protection must be worn

POTENTIAL HAZARDS AND RISKS

- Entanglement**
Entanglement in moving parts
- Manual Task Injury**
Manual task injury from plant vibration
Manual task injury from awkward body posture
- Cutting, Stabbing or Puncturing**
Injury from sharp or flying object
Injury from contact with moving parts
Injury from work piece disintegrating
- Other**
Contact with hot or cold parts of plants
Irritation from excessive dust
Hearing damage from excessive noise
Injury due to operating of plant in unsuitable weather conditions
Injury due to plant malfunction or misuse
- Explosion**
Explosion of gases, vapours or liquids
- Struck by Moving Object**
Struck by moving object due to work pieces being ejected
- Slip, Trips, Falls**
Slip, trip, fall due to uneven or slippery work surfaces
Slip, trip, fall due to steep working surfaces
- Exposure to Dust/Fumes**
Exposure to Dust
Exposure to Silica
Exposure to Asbestos
Exposure to Toxic Fumes

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete visual plant check before operation
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ If it is suspected utility lines are in the area, ensure you have the correct "Dial Before You Dig" plans available BEFORE you start work

OPERATING PROCEDURES

- ✓ Connect water for dust suppression prior to starting
- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Barricade the work area as much as possible to keep bystanders and untrained workers from getting exposed to the hazards of jackhammer operation
- ✓ Ensure to use the proper point for the material to be broken. Remember to use rock point for rock, spade point for asphalt and chisel point for concrete

- ✓ Ensure you have firm footing and are always ready to handle any reaction plant may make
- ✓ Always operate plant with both hands
- ✓ Operators should be prepared to brace themselves against high level of torque exerted by the tool
- ✓ Be aware that this power tool is designed to create severe vibration. The hands, arms and legs will quickly tire
- ✓ Always operate plant at a slight angle with it leaning back towards you. This way, you prevent the point from getting stuck in the material and the toll from getting out of control
- ✓ Use extreme care when refilling to avoid spilling fuel on hot motor or exhaust. Fuel can ignite when spilled on hot engine parts. Allow plant to cool
- ✓ Before making adjustments bring plant to a complete standstill and isolate

ENDING OPERATIONS

- ✓ Allow plant to cool before performing any maintenance, refuelling or cleaning
- ✓ Refuel plant at least 3 metres from combustibles
- ✓ Ensure plant is in good working order and stored in the appropriate location

DO NOT

- ✘ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✘ Do not leave plant running unattended
- ✘ Do not point the tool at any one in the area when operating. The bit could fly out and injure someone seriously
- ✘ Do not use a broken or cracked point
- ✘ Do not touch the bit or parts close to the bit immediately after operation, they may be extremely hot and burn your skin
- ✘ Do not run plant indoors or in an enclosed area unless there is adequate ventilation
- ✘ Do not use plant near flammable materials
- ✘ Do not operate plant in an explosive environment
- ✘ Do not over reach when operating plant
- ✘ Do not wear loose jewellery
- ✘ Do not use mobile phone while operating plant

***Plant in this SOP refers to any machinery, equipment, appliance, container, implement and tool.**