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| ***Portable_Plant_SOP***  **JACKHAMMER** | |
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| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission | |
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| Approved safety glasses and face shield must be worn at all times in work areas. | **Prohibition circle**Prohibition circleA suitable P2 or P3 filter mask *must* be worn whenever potentially toxic smoke and fumes are created. |
| Foot Protection circleAppropriate protective steel-toed boots must be worn. | A suitable protective workshop apron and leather gloves are advisable. |
| Hearing Protection circleAppropriate hearing protection (*Class 5 – SLC80 >26 dB*) must be worn. | Hard hatA hard hat must be worn. |
| Hand Protection circleHeavy duty work gloves to aborsb vibration must be worn. | mand154_safety_overalls_must_Sturdy, long ‘work wear’ clothing or overalls must be worn. |
| Prohibition circleAll exposed rings and jewellery must be removed. |  |

### **DO NOT use faulty equipment – report this immediately to your teacher**

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### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Ensure your work area is safe – well-lit, with no flammable liquids, gases or dust.**
2. **Establish an exclusion zone with barricading and appropriate safety signage.**
3. **Establish the location of all underground utilities.**
4. **Be aware of common overuse injuries i.e. hearing loss and back pain.**
5. **Inspect the equipment for any obvious mechanical defects.**

#### OPERATIONAL SAFETY CHECKS

1. **Ensure all components, attachments and guards are secure before starting.**
2. **Know the best way to do the job. Review any operational procedures.**
3. **Be aware that this power tool is designed to create severe vibration. The hands, arms and legs will quickly tire. Take regular breaks.**
4. **Always use two hands. Ensure you have a firm footing and are ready to handle any reaction from the tool.**
5. **Operators should be ready to brace themselves against the high level of torque exerted by the tool**
6. **Apply slight pressure on the tool. Pressing very hard will not increase efficiency. Stop operation if the tool bounces around uncontrollably.**
7. **Do not touch the bit immediately after operation. It may be extremely hot.**
8. **Do not operate this power tool at no-load unnecessarily.**
9. **To stop, release the handle grip switch. Turn off and disconnect after use.**
10. **Never leave this power tool unattended.**

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| **NB. This power tool can produce excessive noise levels greater than 105 dB** |

#### HOUSEKEEPING

1. **Leave the power tool in a safe, clean and tidy state.**
2. **Stow away correctly. Remove any barricading and safety warning signage.**

## POTENTIAL HAZARDS

* + **Moving, rotating and sharp parts ◼ Pinch and squash ◼ Excessive noise**
  + **Dust and fumes (incl. crystalline silica) ◼ Slips, trips and falls ◼ Ejected material**
  + **High pressure air hose couplings ◼ Loss of control ◼ Eye injuries**
  + **Manual handling – including vibration, duration and excessive force**

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| **FORBIDDEN** |
| **◼ Never operate on a continuous or repetitive basis. Always take multiple breaks.** |

**Date of last review:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_