

## SOP - Poker Vibrator

**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



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



Protective body clothing must be worn



High visibility clothing must be worn

### POTENTIAL HAZARDS AND RISKS

- ⓘ Entanglement**  
Entanglement in moving parts
- ⓘ Manual Task Injury**  
Manual task injury from repetitive movements  
Manual task injury from plant vibration
- ⓘ Other**  
Contact with hot or cold parts of plants  
Hearing damage from excessive noise  
Injury from contact with moving parts
- ⓘ Explosion**  
Explosion of gases, vapours or liquids
- ⓘ 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

### 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

### OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Ensure no person or animal is endangered when operating plant, set up an exclusion zone around the area where the vibrator poker is being used
- ✓ Ensure that the flexible poker vibrator is correctly connected to the motor drives spindle
- ✓ Work should stop immediately should anyone, other than those directly assisting with the work enter the exclusion zone
- ✓ Watch out for signs that vibration may be affecting hands. If fingers start to tingle or feel numb, take a short break from using the machine. Exercise fingers to encourage blood circulation
- ✓ Ensure that working area is within your reach, so that you do not have to bend forward
- ✓ Take care not to bend the flexible drive through tight angles
- ✓ Quit vibrating if there are no visible air bubbles anymore and the concrete is compacted completely

- ✓ Before making adjustments bring plant to a complete standstill and isolate

### ENDING OPERATIONS

- ✓ Plant must be washed clean as soon as the work is finished before any concrete hardens
- ✓ 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 use plant where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders
- ✗ Do not touch the vibrating part of the poker while it is operation
- ✗ Do not use plant inside a building, unless the area has good ventilation or a good extraction system
- ✗ Do not engage or disengage the flexible drive coupling while the engine is running
- ✗ Do not lay the vibrating poker on a hard surface while it is still vibrating
- ✗ 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.