

Safe Work Instruction - Clearing Pump Chokes

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 SWI 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. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Long and loose hair must be contained or covered.



Hand protection must be worn



Foot protection must be worn

POTENTIAL HAZARDS AND RISKS

- i Manual Task Injury**
Manual task injury from incorrect manual handling techniques
- i Slip, Trips, Falls**
Slip, trip, fall due to uneven or slippery work surfaces
Slip, trip, fall due to steep working surfaces
- i Cutting, Stabbing or Puncturing**
Injury from contact with moving parts
- i Other**
Injury due to plant malfunction or misuse

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site-specific risk assessment
- ✓ Complete Pre-Operation Checklist on Plant and Crane before commencing tasks
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ *Standard Work Instruction 001 - Lifting a pump from a Sewer Pump Station Wet Well*, should be reviewed before performing task
- ✓ Isolate and Tag out the pump before removal. Refer to Energy Isolation Procedure P28

OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Lift the pump to just below the top of the pump station, and thoroughly wash the pump before removing it from the wet well
- ✓ Traverse the pump onto a clear solid area where it can be worked on in safety
- ✓ Dismantle the pump to the extent necessary
- ✓ Clear the choke
- ✓ Reassemble the pump

ENDING OPERATIONS

- ✓ Return the pump to its guide rails and slowly lower the pump back on to its pedestal
- ✓ Before removing the lifting cable from the pump, start the pump momentarily to determine that is seated correctly and operated normally, then remove the lifting cable and secure the station

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 wear loose jewellery
- ✗ Do not use mobile phone while operating plant

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