

## Safe Work Instruction - Working Over and Around Open Liquid Filled Pits/Ponds and Basins

**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



Foot protection must be worn



Long and loose hair must be contained or covered.



Life Jacket must be worn



Safety harness must be worn



Hand protection must be worn

### POTENTIAL HAZARDS AND RISKS



#### Slip, Trips, Falls

- Slip, trip, fall due to uneven or slippery work surfaces
- Slip, trip, fall due to steep working surfaces



#### Manual Task Injury

- Manual task injury from repetitive movements



#### Other

- Drowning
- Injury due to fall from heights

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site-specific risk assessment
- ✓ Complete visual plant checklist before operation
- ✓ Inspect all harnesses for visible signs of wear and damage
- ✓ Inspect life jackets for visible signs of wear and damage. Ensure all fastenings and buckles are in good working order
- ✓ Ensure that life jacket is serviced in accordance to manufacturer's requirements
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Inform operator in charge or coordinator before any attempt is made to commence work around the top of any unprotected liquid filled pit, pond or basin

### OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area
- ✓ Isolate and tag out any plant that has the potential to cause injury or death in the event of falling into or onto, refer to Energy Isolation Procedure P29
- ✓ Workers are to be able to swim or tread water
- ✓ Workers should not be subject to any medical condition that could cause loss of balance while working close to the edge of any unprotected liquid filled open pit, pond or basin
- ✓ Ensure workers are not working outside any existing safety barriers without wearing an approved life jacket
- ✓ Keep grass slopes around the tops of liquid filled unprotected open pits, ponds and basins mown

- ✓ Keep all walkways around the tops of liquid filled open pits, ponds and basins free from any matter that is likely to cause a slip/trip or fall injury
- ✓ While working on any bank of any unprotected liquid filled pit, pond or basin an approved harness must be worn with a safety line attached controlled by a standby person
- ✓ Ensure that all appropriate PPE is being used and all relevant safety procedures are being adhered to for the duration of work being carried out around the top of any liquid filled pit, pond or basin

### ENDING OPERATIONS

- ✓ Inspect any harnesses, life jackets and other relevant safety gear for damage before stowing.
- ✓ Tag equipment with a DO NOT OPERATE tag to warn others if any gear is faulty and advise supervisors

### DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not wear waders around the top of any unprotected liquid filled open pit, pond or basin if there is the potential for total immersion or falling in
- ✗ Do not work outside any existing safety barrier without wearing a life jacket
- ✗ Do not use mobile phone while operating plant

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