

## Safe Work Instruction - Bitumen Melting Pot

**DO NOT use this plant\* 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



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



Foot protection must be worn



Protective body clothing must be worn



Hand protection must be worn



Improved visibility clothing must worn

### POTENTIAL HAZARDS AND RISKS



#### Manual Task Injury

Manual task injury from incorrect manual handling techniques



#### Explosion

Explosion of gases, vapours or liquids



#### Slip, Trips, Falls

Slip, trip, fall due to uneven or slippery work surfaces



#### Burns

Injury from contact with gas flame or heated materials

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete a Hot Works Risk Assessment Checklist
- ✓ Complete visual inspection of equipment including checking fitting are connected correctly and no gas leaks
- ✓ Ensure grease or oil not used on fitting.
- ✓ Ensure you are familiar how used equipment
- ✓ Operate equipment in accordance with manufacturers guidelines
- ✓ Ensure another ignition source kept clear from work area

### OPERATING PROCEDURES

- ✓ Ensure correct lifting techniques used loading/unloading equipment
- ✓ Ensure gas bottle is turn on
- ✓ To ignite use pilot light
- ✓ Add bitumen blocks into melting pot
- ✓ Ensure don't overfill pot with bitumen
- ✓ Wait till bitumen reaches right temperature before use
- ✓ Ensure pot lid is closed during heating operations

### ENDING OPERATIONS

- ✓ Ensure gas bottle is turned off
- ✓ Allow equipment to cool before handling
- ✓ Ensure equipment is secure when transporting
- ✓ Retain unwanted bitumen in hot pot

### DO NOT

- ✗ Do not use if plant is faulty. Attach an **OUT OF SERVICE tag** and report fault to your supervisor
- ✗ Leave a heated hot pot unattended

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