

# Task Risk Control Sheet

## Bitumen Boiler Usage

RCS No: NR/L3/MTC/RCS0216/PR01  
Issue: 2

**Key  
Risks !**

- Burns
- Fire
- Manual Handling

### Personnel Involved

|           |   |
|-----------|---|
| E&P       |   |
| S&T       |   |
| Track     |   |
| Off Track |   |
| Property  | ✓ |

### Tools / Equipment

Ladles

Gas Gun

Steel Buckets

Fire Extinguisher

### Plant

Bitumen Boiler

LPG Gas Burner

| Task Risks      | Controls                                                                                                                                                                                                               | Implemented By       |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Burns           | <ul style="list-style-type: none"> <li>The equipment shall be checked each day before work begins to check that it is in good working order.</li> </ul>                                                                | Team Leader          |
|                 | <ul style="list-style-type: none"> <li>Visor, Fire Retardant overalls and gauntlets shall be worn at all times.</li> </ul>                                                                                             | Staff                |
|                 | <ul style="list-style-type: none"> <li>Areas of bare skin shall be covered to avoid burns from splashes.</li> </ul>                                                                                                    | Staff                |
|                 | <ul style="list-style-type: none"> <li>Blocks of bitumen shall not be thrown into the boiler and the boiler shall be kept covered by a lid.</li> </ul>                                                                 | Staff                |
|                 | <ul style="list-style-type: none"> <li>Boilers located in areas where the public may have access shall be fenced off.</li> <li>See Risk Control Sheet NR/L3/MTC/RCS0216/GA04 – Work In or Near Public Areas</li> </ul> | Staff                |
| Fire            | <ul style="list-style-type: none"> <li>When a boiler is in use it shall be thermostatically controlled and placed in a steel tray and on a firm level base.</li> </ul>                                                 | Team Leader          |
|                 | <ul style="list-style-type: none"> <li>LPG Cylinders shall be three Metres away from the boiler and hoses shall be reinforced with proper connections to the boiler and cylinder.</li> </ul>                           | Team Leader          |
|                 | <ul style="list-style-type: none"> <li>A fire extinguisher (dry powder) shall be available and kept close to the boiler.</li> </ul>                                                                                    | Team Leader          |
|                 | <ul style="list-style-type: none"> <li>Immediate area surrounding the boiler shall be clear of debris or flammable materials.</li> </ul>                                                                               | Team Leader          |
| Manual Handling | <ul style="list-style-type: none"> <li>A materials hoist should be used when flat roof working.</li> <li>See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling.</li> </ul>                                   | Line Manager / Staff |

# Task Risk Control Sheet

## PPE Required by NR / Maintenance Policy



**Wear Head Protection**



**Wear Foot Protection**



**Wear Hi Visibility Clothing**



**Wear Safety glasses to BS EN 166.F**

If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed.  
**This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.**

## Additional PPE Required by Task Risk Control Sheet



**Wear Hand Protection**



**Wear goggles/face visor to BS EN 166.B**



**Wear Face Shield**



**Wear Flame Retardant Protection**