

Document Owner: Manager Customer Planning

## Station Valving & Pipework Inspection & Maintenance

Planned maintenance procedures for inspections and maintenance of valving and pipework.

### Health & Safety and Operational Information

#### Hazard Indicators



#### Personal Protection



#### Health and Safety Information

- Health and Safety documentation.
- Hazardous Waste
- Confined Space Entry

#### Operation's & Maintenance Documentation

- Design drawings
- Site plans
- Confine Space Register for specific site

#### Emergency Procedure / Escalation

##### Emergency

- Make "Site Safe" and isolate risks to people or property with resources at hand

##### Escalate if extra resources required or problems occur!

- Escalate to Team Leader and inform of the issues faced and/or expected resources required if necessary.

#### Additional Documentation

- Site Safe ID / Construct Safe

### Required Skills, Competencies (Qualifications and/or Certifications)

Licensed Operator.  
 Mechanical Fitter  
 Technician (Plant specific)

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**Station Valving & Pipework Inspection & Maintenance**

**Standard Operating Procedure**

**Required Equipment**



| Equipment and Information    | Details  |
|------------------------------|--|
| Fully Equipped Vehicle       | Ensure vehicle, plant, equipment and materials appropriate to the day's work schedule is available.                        |
| Specialist Equipment         | Ensure specialist equipment required is available for utilisation.   |
| Specialist Materials & Parts | Ensure you have loaded up all the required parts and materials required to undertake the maintenance work to be completed. |

**Prepare to do the work**

| Action            | Action Details  |
|-------------------|---|
| Pre Start Process | Complete the Daily Pre Start – Planned Maintenance <ul style="list-style-type: none"> <li>- Include Hazard ID</li> <li>- Include Pre-Start Tailgate Meeting</li> </ul> Undertake all tasks required in the Generic Planned Maintenance SOP. |
| Compliance        | <b>Traffic Management Plan</b> - Where required, TMP to be in place prior to work starting. TMP to be accessible on site.   |

**Perform the work**

| Action      | Trade                       | Action Details  |
|-------------|-----------------------------|---|
| Maintenance | Licenced Operator           | Inspect and operate Isolation valves for any Air valve  |
| Maintenance | Licenced Operator           | Inspect and clean Air Relief Valves as per manufacturers recommendations  |
| Maintenance | Licenced Operator           | Open and shut all isolating valves, ensuring full use. No leaks and operation is functional. Sequence to be advised by Plant Operators will need to be notified for isolation of Duty pumps and Auto start-ups. |
| Inspect     | Licenced Operator           | Check pipework for serviceability and leaks and seals failure.  |
| Inspect     | Licenced Operator           | Inspect PRV valves.   |
| Maintenance | Mechanical Fitter or Welder | Service surge valve check operation set points  |
| Maintenance | Mechanical Fitter or Welder | Service Safety Valves service check   |
| Maintenance | Licenced Operator           | ALL Clean and check serviceability of Duckbill valves on overflows  |
| Maintenance | Licenced Operator           | Inspect all station pipework, trace all pipes and check for leaks, integrity of seals at joints and look for areas of staining where intermittent leaks may have occurred                                       |
| Inspect     | Mechanical Fitter or Welder | Inspect Valves, check operation and functionality, look at all seals and joints checking for integrity and sources of potential failures  |

|   |   |   |
|---|---|---|
| Approved to Issue for Testing:<br>Planner Name<br><b>Nate Dell</b><br>.....                   | Tested by:<br>Serviceperson Name<br>..... | SOP Finalised<br>Team Leader Name<br>Blair Dynan<br>.....                                     |
| Signed<br> | Signed<br>.....                           | Signed<br> |
| Date<br><b>1/04/22</b><br>.....   | Date<br>.....                             | Date<br>10/5/22   |

