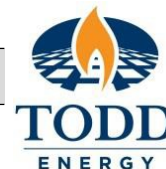


# PTW Safety Checklist No. 53



## PRESSURE TESTING OF PLANT AND EQUIPMENT

Other Checklists that may be relevant:		<a href="#">27</a>
Permit Number:		Date:
Rev 2.0	Issue Date: 13/12/2017	Authorised By: PSM

### PRIOR TO PERMIT ISSUE:

- |   |  | Y                        | N | N/A                      |
|---|--|--------------------------|---|--------------------------|
| 1 | Equipment has been checked thoroughly and all components are in good condition, operating correctly and within certification.  | <input type="checkbox"/> |   |                          |
| 2 | Are there situations where excessive pressure due to thermal expansion could occur?  | <input type="checkbox"/> |   | <input type="checkbox"/> |
| 3 | Ensure the pressure source has a relief valve set pressure or a regulator set below the maximum design pressure of the system. | <input type="checkbox"/> |   |                          |
| 4 | Test pressure has been specified by Mech Engineering?<br>Test Pressure: _____  |                          |   |                          |
| 5 | List the test medium, and any additives.<br>_____<br>_____   | <input type="checkbox"/> |   |                          |
| 6 | Check to ensure vessels and pipework, filled with liquid, do not exceed weight restrictions.                                   | <input type="checkbox"/> |   | <input type="checkbox"/> |

### PRIOR TO COMMENCING TASK:

**NOTE: Ensure tested pipework / vessels have been completely depressurised ie: has both sides of any NRV's / PCV been depressurised and drained. Prior to draining liquids, ensure high point vents open to prevent vacuum.**

- |    |  |                          |                          |                          |
|----|--|--------------------------|--------------------------|--------------------------|
| 7  | The pipework is adequately anchored / supported.   | <input type="checkbox"/> |                          | <input type="checkbox"/> |
| 8  | Ensure that all attachments ie: relief valves or instruments, excluded from the test have been removed and / or isolated as agreed by procedure. | <input type="checkbox"/> |                          |                          |
| 9  | All temporary materials are of the correct rating for the test, ie: flanges, spades, gaskets etc.  | <input type="checkbox"/> |                          |                          |
| 10 | Ensure that the test relief valve exhaust is routed to a safe location.  | <input type="checkbox"/> |                          | <input type="checkbox"/> |
| 11 | Barriers and warning signs have been erected at an approved safe distance.<br>Name: _____ Signature: _____                                       | <input type="checkbox"/> |                          |                          |
| 12 | Ensure vent valves are fitted at all high points, to evacuate trapped air.   | <input type="checkbox"/> |                          |                          |
| 13 | Are back up jump chains or whip checks in place across hose connections?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**ON COMPLETION OF TASK:**

Y    N    N/A

14    Ensure testing medium is disposed of appropriately.

15    A 'line walk' has been conducted to ensure all equipment is reinstated as per procedure.