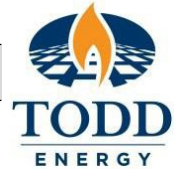


PTW Safety Checklist No. 01



HOT WORK 1 Includes welding, grinding and all other positive ignition sources including all sources of naked flame.

Other Checklists that may be relevant:		25 , 27 , 50 , 58 , 70
Permit Number:		Date:
Rev: 2.3	Issue Date: 20/09/2023	Authorised By: PSM

NOTE:

- 1 No specific check sheet required for manual heater lighting (ensure start up procedure attached to permit).

PRIOR TO PERMIT ISSUE:

- | | Y | N | N/A |
|---|--------------------------|--------------------------|--------------------------|
| 2 Have all alternatives been considered to eliminate the requirement for HW1 activity? | <input type="checkbox"/> | | |
| 3 Has the equipment to be worked on been properly isolated, gas freed, purged, and tested?
If NO , what Barriers are in place to prevent a flammable atmosphere?

Barrier(s): _____ | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4 Has the process equipment to be worked on been in a hazardous or flammable service?
If YES . A gas free certificate must be completed prior to any HW1 carried out on the process equipment or within the vicinity of the open process equipment | <input type="checkbox"/> | | <input type="checkbox"/> |
| 5 Has a dedicated competent Safety Observer, as defined in the BeSafe matrix as a "Safety Watch – Hot Work (hazardous area)", been appointed and instructed to be always in attendance and aware of all power isolation points, until relieved or stood down by the PICWS?

Name: _____ | <input type="checkbox"/> | | |
| 6 Consider the need to isolate or inhibit fire and gas detection and the implications of doing so. | <input type="checkbox"/> | | <input type="checkbox"/> |
| 7 Portable Welding machines have an earth lead bonded to the machine body that can be connected to an earthing point | <input type="checkbox"/> | | <input type="checkbox"/> |
| 8 Is this system one that may contain Mercury contamination?
<ul style="list-style-type: none"> • Checklist 25 - Mercury.pdf • Dealing with Mercury SOP.pdf • Health Hazard Registers | <input type="checkbox"/> | | <input type="checkbox"/> |

PRIOR TO COMMENCING TASK:

	Y	N	N/A
9 Agree frequency of radio contact with CRO for commencement of Hot work activities. Frequency: _____	<input type="checkbox"/>		<input type="checkbox"/>
10 Are all barriers, spark / flash signage and containment equipment in place to protect people and plant?	<input type="checkbox"/>		<input type="checkbox"/>
11 All combustible materials are protected or removed from the work area?	<input type="checkbox"/>		<input type="checkbox"/>
12 Drains and tundishes adjacent to and in the immediate work area have been identified and covered where appropriate?	<input type="checkbox"/>		<input type="checkbox"/>
13 Grinder fitted with suitable safety guards, disc is suitable for the grinder speed and the work material.	<input type="checkbox"/>		<input type="checkbox"/>
14 Additional eye protection i.e., face shield in use when grinding, appropriate gloves worn, and suitable hearing protection as required	<input type="checkbox"/>		<input type="checkbox"/>
15 Identify method of power source isolation.	<input type="checkbox"/>		<input type="checkbox"/>
16 Suitable ventilation or respiratory protection in place to manage fumes.	<input type="checkbox"/>		<input type="checkbox"/>
17 Gas cylinders are protected from damage, secure, positioned outside work area and the following have been checked.	<input type="checkbox"/>		<input type="checkbox"/>
• Flash back arresters are fitted (if using flammable gas)	<input type="checkbox"/>		
• Non return valve is fitted at the torch.	<input type="checkbox"/>		
• Hoses are taped together. Tape must not cover more than 25mm in any 200mm length so that colour coding remains visible.	<input type="checkbox"/>		
18 A dedicated, fully charged, portable fire extinguisher is available at the worksite?	<input type="checkbox"/>		
19 A maximum size of 50mm (2") Fire or utility hose, pressurised to the nozzle, is ready and available for use at the worksite? On completion of hot work, damp down the area (if N/A then must be approved by Permit Issuer). PI Sign for N/A: _____	<input type="checkbox"/>		<input type="checkbox"/>
Alternative specified: _____			

AT COMPLETION OF TASK:

	Y	N	N/A
20 Check Torches are isolated at gas cylinder, key removed, and hoses depressurised.	<input type="checkbox"/>		<input type="checkbox"/>
21 Check area has been damped down and / or monitored for a minimum 30 minutes to ensure residual heat / ignition sources have dissipated.	<input type="checkbox"/>		<input type="checkbox"/>
22 Contact CRO to advise completion of hot work activities and damp down period completed.	<input type="checkbox"/>		
23 Check all hoses used for damage and remove from service to hose quarantine location. All damaged hoses to be tagged and report any damage via work request.	<input type="checkbox"/>		<input type="checkbox"/>
24 Roll up all hoses and return to designated storage location	<input type="checkbox"/>		<input type="checkbox"/>
25 Ensure any test results carried out, item 8 for Mercury, are entered into the Health Hazard Registers			