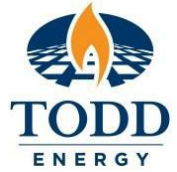


PTW Safety Checklist No. 09



OPERATION OF STEAM CLEANER

Other Checklists that may be relevant:		24 , 25 , 27
Permit Number:		Date:
Rev 2.1	Issue Date: 14/09/2022	Authorised By: PSM

PRIOR TO PERMIT ISSUE:

Y N N/A

- 1 Have all alternatives been considered to eliminate the requirement of HW-1 Activity?

- 2 Agree location of equipment with PI.
NOTE: Equipment should always be placed as far away from process equipment as practical.
 Specify location on plot plan: _____

- 3 The steamer unit shall have a current boiler certificate displayed unless exempt under AS/NZ 3788 as per statements below.
 Boilers that generate steam by heat transfer in a continuous coil where:
 (a) The total combined volumes of the steam separator, the steam drum and the steam and water drum do not exceed 10 litres water capacity; **and**
 (b) The effective heating surface of the boiler does not exceed 7.5 m² in area.

- 4 Has a dedicated competent Safety Observer as defined in [BeSafe matrix](#), as a "Safety Watch – Hot Work (hazardous area)", been appointed and instructed to be in attendance while the steamer is in use or until relieved / stood down by the PICWS?
 Safety Observer name: _____
 If N/A then must be approved by Permit Issuer.
 PI name & sign for N/A: _____
 Reason: _____

- 5 Nominate the dedicated operator for the steamer unit while in operation.
 Name: _____
 Name: _____

- 6 Mechanical or Process Engineer has given approval to apply steam to equipment to ensure design temperature not exceeded.
 Approval name & signature: _____

- 7 Check all instruments or other equipment fitted to the vessel will not be damaged by the steaming operations.
 Refer to Section 4.1.2. Steam cleaning of [Gas Freeing, Purging and Reinstatement Procedure.pdf](#) for additional information.

- 8 Is this system one that may contain Mercury contamination or may release mercury vapour due to temperature increase?

Mercury vapour production doubles with every 10°C increase in temperature.

Refer to the [Health Hazard Registers](#)

If the answer is yes for Mercury, refer to PTW [Checklist 25](#) and [Dealing with Mercury SOP.pdf](#)

PRIOR TO COMMENCING TASK:

Y N N/A

- 9 All hoses have been checked and are certified.
- 10 Ensure that all metallic parts of the equipment (including the lance) are bonded together, the unit is electrically bonded to earth and continuity test results are recorded on permit (<10Ω).
- 11 Signs and barriers are in place to warn personnel of steaming operations in area as per [Temporary Barriers and Barricades Standard Operating Procedure.pdf](#)