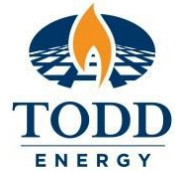


PTW Safety Checklist No. 54



BLEEDING DOWN VESSELS CONTAINING HAZARDOUS FLUIDS TO DRAINS OR ATMOSPHERE

Other Checklists that may be relevant:		18 , 21 , 25 , 26 , 59
Permit Number:		Date:
Rev 1.1	Issue Date: 30/10/2023	Authorised By: PSM

PRIOR TO PERMIT ISSUE:

		Y	N	N/A
1	An estimation / calculation has been made to verify the receiving system is capable of handling expected quantities?	<input type="checkbox"/>		<input type="checkbox"/>
2	The Safety Data Sheet (SDS) for hazardous fluids that may be encountered has been read and understood.	<input type="checkbox"/>		<input type="checkbox"/>
3	Is this system one that may contain Mercury contamination? Refer to the Health Hazard Registers If the answer is yes for Mercury, refer to PTW Checklist 25 and the Standard Operating Procedure Dealing with Mercury SOP.pdf	<input type="checkbox"/>		<input type="checkbox"/>
4	Is the system one that may contain Benzene? Refer to the Health Hazard Registers If the answer is Yes for Benzene, refer to PTW Checklist 21 and the Dealing with Benzene Standard Operating Procedure.pdf	<input type="checkbox"/>		<input type="checkbox"/>
5	If waste is to be removed from site, discuss disposal route with PI. Reference Todd Energy Hazardous Waste Management and Disposal Procedure.pdf	<input type="checkbox"/>		<input type="checkbox"/>
6	Review and comply with Todd Energy document Operational Draining and Venting Procedure.pdf for all draining and venting on operational sites and installations.	<input type="checkbox"/>		

PRIOR TO COMMENCING TASK:

		Y	N	NA
7	All depressurising, draining and pressuring shall be carried out within plant design criteria for temperature and pressure.	<input type="checkbox"/>		<input type="checkbox"/>
8	Consider nearby fixed gas detection and any requirement for overrides.	<input type="checkbox"/>		<input type="checkbox"/>
9	Confirm the gas / air cap in the vessel will receive adequate make up when draining commences to avoid a vacuum scenario developing.	<input type="checkbox"/>		<input type="checkbox"/>
10	Ensure the makeup gas in vessels containing hydrocarbon is inert and not oxygen or a contaminant.	<input type="checkbox"/>		<input type="checkbox"/>
11	All drain containers must be bonded to plant earth. Connect earth lead to plant earth. Record results of continuity test on permit (<10Ω). Refer to Standard operating procedure Control of Static Electricity.pdf	<input type="checkbox"/>		
12	Is the system one that may contain Pyrophoric Iron? If the answer is Yes, refer to Standard Operating Procedure Pyrophoric Iron Sulphide.pdf Caution: Pyrophoric Iron Sulfide can be present where any loose scale, black sludge or coating is found. If found, wet down immediately	<input type="checkbox"/>		<input type="checkbox"/>
13	Perform a test on production solids / deposits for NORM / Ionising Radiation and enter results into the Site Register Refer to the Health Hazard Registers	<input type="checkbox"/>		<input type="checkbox"/>

ON COMPLETION OF TASK:

		Y	N	NA
14	Ensure any test results carried out for Mercury or Benzene are entered into the site registers as per item 3 & 4.	<input type="checkbox"/>		<input type="checkbox"/>