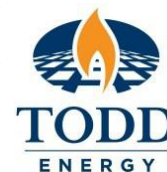


# PTW Safety Checklist No. 60



## Checklist 60 – Entry onto PTF Floating Roof Tanks

Other Checklists that may be relevant:		<a href="#">21</a> , <a href="#">25</a> , <a href="#">45</a> , <a href="#">51</a> , <a href="#">88</a>
Permit Number:		Date:
Rev 1.0	Issue Date: 13/08/2025	Authorised By: PSM

### CAUTION / NOTES:

- 1 This checklist is intended to be used without a CSE Permit (i.e. no inlet or outlet blinds required) providing the items below have been met.  
This checklist can be used for such tasks as seal inspections, mechanical and instrument repairs on the roof, lowering roof legs etc.
- 2 This checklist was developed referencing information from "American Petroleum Institutes Recommended Practice 2026 - Safe Access/Egress Involving Floating Roofs of Storage Tanks in Petroleum Service".
- 3 Checklist 21 Dealing with Benzene is mandatory with this checklist.
- 4 GAS TESTING EQUIPMENT REQUIRED.
  - Tiger Benzene Meter
  - Cub VOC meter
  - 4 Gas Personal Gas detector per worker

### PRIOR TO PERMIT ISSUE:

- |  | Y                        | N | N/A |
|--|--------------------------|---|-----|
| 5 This checklist is for entry onto T-07_____ floating roof.  | <input type="checkbox"/> |   |     |
| 6 Is the tank level at 16,600mm or higher?<br>Level reading on DCS =_____mm<br><b>If tank level is lower than 16600mm then roof entry is via a CSE permit.</b>   |                          |   |     |
| 7 Are all inlet, outlet and water drain valves closed to ensure the tank is static?  | <input type="checkbox"/> |   |     |
| 8 Does the PI consider there is enough wind to safely enter the tank? i.e. it is not a nil wind day.   | <input type="checkbox"/> |   |     |
| 9 Is the wind speed below 25 knots? (to prevent low pressure inside the tank)  | <input type="checkbox"/> |   |     |
| 10 Are there any electrical storms or heavy rain events in the forecast?<br>If yes, then reschedule work for another time.   | <input type="checkbox"/> |   |     |
| 11 Has the tank roof been visually checked for <ul style="list-style-type: none"> <li>• There are no visible hydrocarbons</li> <li>• The ladder is safe and on rails</li> <li>• The tank roof is level.</li> </ul> | <input type="checkbox"/> |   |     |

- |  | Y                        | N | N/A |
|--|--------------------------|---|-----|
| 12 A gas test from the top platform, into the tank, down to the roof level has been conducted  | <input type="checkbox"/> |   |     |
| O <sub>2</sub> _____ %   |                          |   |     |
| LEL _____ %  |                          |   |     |
| H <sub>2</sub> S _____ PPM   |                          |   |     |
| CO _____ PPM   |                          |   |     |
| Benzene _____ PPM  |                          |   |     |
| 13 If Benzene levels exceed 0.025ppm wear full face respirator as per <a href="#">Dealing with Benzene Standard Operating Procedure</a>                            | <input type="checkbox"/> |   |     |
| 14 The Todd Energy Operations rep will be on site at PTF for the duration of roof entry (to assist SO if needed).  | <input type="checkbox"/> |   |     |
| 15 A VOC meter is with the work party on the roof, and each individual entrant has a Honeywell BW gas detector. At any alarm all entrants must vacate immediately. | <input type="checkbox"/> |   |     |
| 16 Each individual entrant has a KIMI personal escape mask   | <input type="checkbox"/> |   |     |

### DURING TASK:

- |   | Y                        | N | N/A                      |
|---|--------------------------|---|--------------------------|
| 17 Safety observer radios Kapuni Control Room and PTF Area Tech to inform them of roof entry.             | <input type="checkbox"/> |   |                          |
| 18 If Safety Observer notices the wind drops to nil, then evacuate entrants from tank roof.               | <input type="checkbox"/> |   |                          |
| 19 If removing any pontoon hatches, a separate gas test must be performed before any hot work activities. | <input type="checkbox"/> |   | <input type="checkbox"/> |

### ON COMPLETION OF TASK:

- |   | Y                        | N | N/A |
|---|--------------------------|---|-----|
| 20 Confirm tank roof integrity (all hatches on, rainwater drain clear, tools & equipment removed, etc.)               | <input type="checkbox"/> |   |     |
| 21 Safety gate is secured closed when the roof top is unoccupied  | <input type="checkbox"/> |   |     |
| 22 Safety observer radios Kapuni Control Room and PTF Area Tech to inform them that all people are clear of the roof. | <input type="checkbox"/> |   |     |