

MINIMUM REQUIREMENT



WP/SEA MINIMUM REQUIREMENTS ESG Vessel Opening and Ventilating



MEMORY JOGGERS

Ensure that the following conditions are met before proceeding. If not met, address on WP/SEA.

- Communicate the **“RIGHT TO STOP WORK AUTHORITY POLICY”** and is exercised by all crewmembers and other personnel that believe something or some condition has changed. The job is to be stopped and accessed before proceeding. The WP/SEA may need to be modified or a new WP/SEA maybe required before starting the work task again.
- Review LO/TO Minimum Requirements JSEA and LO/TO Isolation Point List for the vessel to be opened.
- Verify with the facility operator that the vessel is isolated from the production system and the pressure bled down to 0 psi.
- Verify that other operations (simops) on the platform are advised that vessel ventilation will be taken place during current work shift.

MINIMUM REQUIREMENTS

- 1) Verify **All** conditions identified in the “Memory Joggers” section are met (or are not applicable); if **ANY** are not met, **STOP** and add the necessary step to the WP/SEA to ensure the safest method possible.
- 2) Gather all tools and materials required for the job and verify that all items are in good working condition. Place pumps in work area to pump off recovered fluids.
- 3) Run 2” air line into work area. Hook up air volume tank. Tag individual valves (pumps, blowers, etc.). Run 1” air lines to pumps and air mover. Start air compressor.
- 4) Drain all free liquids possible from vessel using existing valves and piping.
- 5) Place spill prevention equipment beneath all flanges and hatches to be broken. Pump any recovered fluids to designated location.
- 6) Remove every other bolt from the manway.
- 7) Remove remaining man-way bolts alternating one each per side from the top down to control drainage of any trapped fluids. Pump recovered fluids to designated location.
- 8) Prior to removing last bolts, make sure hatch cover is supported using materials rated to hold the weight of the cover. Remove last bolts and lower cover to deck.
- 9) Once man-way hatch is removed, firmly attached air mover to hatch.
- 10) Double-ground blower to tank/vessel shell.
- 11) Turn air supply on to air mover.
- 12) Monitor atmosphere in the work area to ensure that LEL level does not exceed 10%.

ENSURE MINIMUM REQUIREMENTS NUMBERS ARE RECORDED ON WP/SEA