

Berry Bros. General Contractors, Inc.



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Repair Weir Plate Inside Separator Standard Operating Procedures

Purpose:

To enter inside a Restricted Space for needed repairs.

Objective:

The objective of this standard operating procedure (SOP) is to describe the procedures to reduce the risk of personnel of coming into contact with high levels of Air/Contaminants or low Oxygen levels. Reducing the risk is extremely important for worker health, safety, and company liability.

Required Materials:

Confined Space Entry Permit
Shell Confined, Restricted Space Entry And Rescue Plan
Berry Bros. Confined, Restricted Space Rescue Plan
JSEA
4-Gas Monitor
SCBA
Full Body Harness

Life Line/Rope

All personnel utilizing SCBA will have completed Fit test and Pulmonary test.

Personnel Needed:

4-Personnel

Methods:

First, Conduct tailgate safety meeting to discuss all job related hazards. Assign Entrant, Attendant, and Rescue Personnel. Review entry procedures, rescue procedures and permits. The Confined, Restricted Space Entry and Rescue Plan will need to be completed before any work may begin.

Second, check to make sure no Air/Contaminants are capable of entering the vessel. If they are capable of entering the vessel then all lines producing any Air/Contaminants will need a blind skillet flange put in place to prevent Air/Contaminants from entering the vessel.

Third, Remove the Man-Way hatch and the entrant will equipped himself/herself so that he/she will be under air prior to entry.

Fourth, Use 4 - Gas Monitor to check Air Levels. Oxygen levels need to be between 19.5 to 23.5 to be able to enter the vessel any other Air/Contaminant levels will need to be at 0 % or 0 ppm. Once all is cleared work can proceed.

Fifth, Personnel entering the vessel will need a Full Body Harness and Life Line/Rope on with an attendant and rescue crew in place before entering the tank.

Sixth, After entering the vessel the Weir plate will be unbolted and removed from the vessel to be brought in for repairs.

Seventh, Once the Weir plate is brought back from repairs we will repeat steps 1 thru 5.

Eighth, Weir plate will be bolted back into place and personnel will exit the tank removing any tools.

Ninth, Man-Way hatch will be bolted back into place.

Tenth, Any skillet flanges will be removed.

Job Related Hazards

Air/Contaminates

Fatigue

Slips, Trips, Falls

Pinch Points

Extreme Temperatures