CONSTRUCTION CONFINED SPACE ENTRY (CSE) - EVALUATION FLOW CHART
Confined Space Entry Program for Construction, Electrical, Telecommunications or an Excavation.

Apply this program whenever:
1. Employment exists in connection with the construction, alteration, painting, repairing, construction maintenance, renovation, removal, or wrecking of any fixed structure or its parts, or when
2. Accessing telecommunications or electrical manholes or vaults made of fire-resistant construction, that is primarily used to house electrical equipment.

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The space:
1. Has existing ventilation that is or may be insufficient to remove dangerous air contamination, oxygen enrichment, and/or deficiency, and
2. Is configured such that access to or egress from the space of a suddenly disabled entrant is difficult?

No
This procedure does not apply. The space may be a permit or non-permit confined space. Refer to UCB’s “Confined Space Entry - General Program” for further analysis. - END

Yes
Who will enter the space?
Contractors
Contractor requests, and UCB informs the contractor of, the CSE hazards UCB has knowledge of that are in the space and the controls that are used.

UCB confirms contractor has a CSE program and conducts CSE under their program’s guidance. Contractor provides UCB Entry Supervisor or Host Department with training records of all personnel who are involved in CSE.

UCB CSE team and contractor’s CSE team working in the same space coordinate activities to assure both have adequate personnel, equipment, emergency and a communication plan within each team and between the teams to assure safe work.

Under Employees
Personnel must have been trained according to Confined Space Program prior to entry and work activity commencing. Check training records to assure compliance. Complete job scope and entrants / attendants planned on the Confined Space Eval./Entry Form (Appendix C).

Search for potential air contamination sources outside of the space. Lock out or otherwise remove potential contamination sources outside of space prior to testing atmosphere inside the space.

Prior to entry, test the air inside the space using recently calibrated 4-gas meter. Complete Evaluation / Entry form (Appendix C).

Safe
Ventilate Space
Air Quality cannot be ensured for the duration of the work. Outside attendant must be present during entire Confined Space Entry.

Unsafe
Extraction harness is worn and extraction winch and rescue plan are set in place.

Prior to entry, and with ventilation running, retest the air using recently calibrated 4-gas meter. Complete Evaluation / Entry form (Appendix C)

Safe
Unsafe
Respiratory Protection protocols and SCBAs are used. Outside Attendant is CPR trained and in communication with rescue team as needed.

Means of communication between attendant and entrant(s), and attendant and emergency rescuers must be available during entire Confined Space Entry.

Means of communication between all entrants, and potential emergency rescuers must be available during entire Confined Space Entry.

Continuous air monitoring with freshly calibrated 4-gas meter during work. Note initial, final, and 4-hour interval meter readings.

Ensure safe access to and egress from the space.

Use appropriate PPE if corrosive materials or topically absorbed materials are present in the space – check history with applicable department.

Enter Confined Space and complete the work.

Start this process over at the beginning of each work day or shift. – END.

A yellow box indicates a process documentation point completed by the Entry Supervisor on the Confined Space Evaluation/Entry Form (Appendix C).