**Air Handlers -- Permit Required Confined Space Entry Permit**

1. **Air Handlers ENTRY PROCEDURE AND PERMIT**

   Air handlers are a permit required confined space if atmosphere inside air handler is changed by welding, cutting, burning or the use of solvents or cleaners that cause vapors or fumes. **All shaded areas must be completed by Entry Supervisor or Entrant.**

2. **Work to be Performed:**

3. **Date Issued:**

4. **Time Issued:**

   - \( \square \) a.m.
   - \( \square \) p.m.

5. **Permit Space Hazards**

   - Oxygen - hazardous when less than or equal to 19.5% or greater than or equal to 23.5%.
   - Flammable Gases or Vapors - hazardous when greater than 10% of LFL / LEL.
   - Carbon Monoxide - hazardous when greater than 50 PPM (always look for when welding or near a fuel combustion source (cars, utility carts, etc)
   - Other Toxics: Example -- Coil Cleaning Chemicals, Solvents, Welding fumes.
   - Mechanical Hazards (Pneumatic, Hydraulic, Electrical, Chemical, Steam, Falling Objects, etc.)

6. **Equipment Required for Entry & Work**

   - PPE
   - Atmospheric Testing
   - Ventilation Equipment
   - Rescue Equipment

7. **Communication method used by attendants and entrants**

   - \( \square \) Radio
   - \( \square \) Voice
   - \( \square \) Other:

8. **Confined Space Rescue**

   - The assigned confined space attendant is responsible for evacuating entrants in the event of an emergency by means of vocal communication or retrieval equipment used for the entry. At no time will the attendant enter the confined space. In the event the attendant is unable to evacuate the entrant(s) the Charlotte Fire Department will be notified by UNC Charlotte Police Dispatch at 704-687-2200 to provide rescue assistance. Upon the arrival of rescue personal the attendant should brief the rescuers of any notable information.

9. **Authorized Entrants**

   - List by name or attach roster

10. **Authorized Attendants**

    - List by name

11. **Preparation for Entry**

    - Time:
    - Time:
    - Time:
    - Time:
    - Time:

12. **Atmosphere Testing Record Acceptable Conditions**

    - CH4 - Less than 10% of LFL / LFL
    - OXY - Oxygen Range - Minimum allowable = 18.6% to Maximum allowable = 23.6%
    - H2S - Hydrogen Sulphide - < than 10 PPM
    - CO - Carbon Monoxide - < than 35 PPM
    - Other Toxic:

13. **Authorization by Entry Supervisors**

    - I certify that all required precautions have been taken and necessary equipment is provided for safe entry and work in this air handler confined space.

14. **Permit Cancellation**

    - Complete at the end of job not to exceed 24 hours

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**Signature:**

**Date:**

**Time:**

\( \square \) a.m. \( \square \) p.m.

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**This permit must be posted at the job site -- One Copy to Dept File and One Copy to EH&S Office (Fax 7-5302 or EHS Building)**

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**Printed Name:**

**Date:**

**Time:**

\( \square \) a.m. \( \square \) p.m.

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**3-Dec-14**

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**Printed Name:**

**Date:**

**Time:**

\( \square \) a.m. \( \square \) p.m.