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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Confined Space Identification AND**  **Hazard Evaluation Form** | | | | | | | | | |
| **Date of evaluation:**  **Evaluation completed by:** | | | | **Confined space name or number:** | | | **Permit required?**    **Yes**  **No** | | |
| **Section 1: Confined Space Identification and Location** | | | | | | | | | |
| Location of space (e.g., site, area, room): | | | | | | | | | |
| Description of space (physical characteristics, configuration, number of entry points, etc.): | | | | | | | | | |
| Person in charge of space or responsible individual: | | | | | | | | | |
| **Is the space a confined space? Yes**  **No**  (*If the answers to questions 1, 2, and 3 are “YES," then the space is a confined space. If YES, complete Sections 2 and 3. If NO, consult other applicable OSHA standards and guidelines.*) | | | | **1. The space can be entered?** | | | **Yes** | | **No** |
| **2. The space has limited or restricted entry and exit?** | | | **Yes** | | **No** |
| **3. The space is not designed for continuous human occupancy?** | | | **Yes** | | **No** |
| **Section 2: Confined Space Hazard Assessment (*potential and existing hazards*)** | | | | | | | | |
| Are there any conditions making it unsafe to remove an entrance cover? Yes  No  If yes, describe:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ***Note: These conditions must be eliminated before the cover is removed.*** | | | | | | | | |
| **Atmospheric Hazards** | | | | | | | | |
| Oxygen deficiency (less than 19.5% oxygen). | | | | Monitoring results: | | | | |
| Oxygen enrichment (greater than 23.5% oxygen). | | | | Monitoring results: | | | | |
| Flammable gas, vapor, or mist greater than 10% of its  LFL. | | | | Substance: | | | | |
| Monitoring results: | | | | |
| Combustible dust greater than or equal to its LFL  *(when dust obscures vision at a distance of 5 feet or less)*. | | | | Substance: | | | | |
| Monitoring results or visual determination: | | | | |
| Toxic gas, vapor, or mist in excess of its PEL, TLV, or  other recommended guidelines. | | | | Substance(s): | | | | |
| Monitoring results: | | | | |
| Inert or oxygen displacement atmosphere; simple asphyxiant. If yes, specify gas:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  (*Examples include acetylene, argon, carbon dioxide, ethylene, helium, hydrogen, LPG, methane, neon, nitrogen,*  *and propane. Note that some of these gases are flammable/explosive or have exposure limits (PELs or TLVs).*) | | | | | | | | |
| Poor or inadequate ventilation. Explain: | | | | | | | | |
| Any other atmospheric condition that is immediately dangerous to life or health. Explain: | | | | | | | | |
| Atmospheric hazards summary statement/comments: | | | | | | | | |
| **Possible Energy Sources Requiring Lockout/Tagout:**    Electrical  Mechanical  Hydraulic  Pneumatic  Chemical  Thermal  Radioactive  Gravity (falling objects)  Comments/survey results: | | | | | | | | |
| **Introduction of Hazardous Materials?** If yes, explain:  **Possible Content Hazards (e.g., engulfment)?** If yes, explain: | | | | | | | | |
| **Configuration of the Space?**  Inwardly converging walls  Downward sloping and tapering floor  Drop offs  Low overhead clearance  Complex layout  Unstable or structural integrity issues  Comments/survey results: | | | | | | | | |
| **External Space Hazards?**  Traffic  Machinery/equipment/processes  External connections to space  Terrain  Comments/survey results: | | | | | | | | |
| **Other Hazards in the Space?**  Slip/trip/fall hazards  Ambient temperature high or low  Surface temperatures high or low  Noise  Vibration (localized/whole body)  Ionizing or non-ionizing radiation  Plants  Microorganisms  Rodents, snakes, spiders, other insects  Other (explain)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Comments/survey results: | | | | | | | | |
| **Section 3: Permit-Required Confined Space Determination (see** [**Text Box 2**](#TextBox_2)**)** | | | | | | | | |
| **Is the confined space a permit-required confined space (PRCS)?**  **Yes**  **No**    (*If the answers to questions 1, 2, 3, or 4 are “YES," then the space is a PRCS. If YES, complete the rest of Section 3 and post an appropriate danger sign per* [*Section 3.2.1*](#_3.2.1_Prohibiting_Entry) *at the entrance to the space. If NO, the space is a non-permit confined space. Complete Section 5 if entry is required.* | | **1. Atmospheric hazard(s)?** | | | **Yes** | | **No** | |
| **2. Potential for engulfment?** | | | **Yes** | | **No** | |
| **3. Internal configuration**  **hazard?** | | | **Yes** | | **No** | |
| **4. Other serious safety hazard?** | | | **Yes** | | **No** | |
| **Will the PRCS be entered by any personnel? Yes**  **No**  **If no, what measures have been taken to prevent entry?**  Posted danger signs  Blocked, barricaded, or locked entrance  Informed exposed employees  **If yes, complete a PRCS entry permit (**[**Appendix I**](#Appendix_I)**) for all entries.** | | | | | | | | | |
| **What are the rescue options for the PRCS?**  Self-rescue  Non-entry vertical rescue  Non-entry horizontal rescue  Entry rescue  Rescue considerations? If yes, explain:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | |
| **Section 4: Alternate Entry Procedures (see** [**Section 3.13.3**](#_3.8.1_Alternate_Entry_and_No_Hazard)**)** | | | | | | | | |
| The OSHA Confined Space standard allows a PRCS to be entered without the need for a written permit or an attendant under two conditions:   * The **only** hazard in the PRCS is an atmospheric hazard and the PRCS can be **maintained** in a condition safe for entry by using mechanical ventilation alone. * All hazards within the PRCS have been **eliminated** and the space has been reclassified as a non-permit confined space.   1. Is the **only** hazard an actual/potential atmospheric hazard that can be safely controlled by continuous forced air ventilation alone? Yes  No  If yes, describe:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  If entry will occur, **certify** that the space is safe for entry and that appropriate pre-entry measures have been taken according to the requirements of [Section 3.13.3.1](#_3.13.3.1__PRCS).  If no, the space must be entered using a PRCS entry permit and attendant ([Appendix H](#Generated_Bookmark52)).  *(Note: If an initial entry of the PRCS is necessary to obtain the required air monitoring data, the entry must be performed utilizing a PRCS entry permit and attendant.)* | | | | | | | |
| 2. Can the PRCS be reclassified as a non-permit space (i.e., there are no actual/potential atmospheric hazards and ALL hazards within the space are eliminated without entry into the space)? Yes  No  If yes, **certify** that all hazards within the space have been eliminated according to the requirements of [Section 3.13.3.2](#_3.13.3.2__PRCS_Reclassified).  If no, the space must be entered using a PRCS entry permit and attendant ([Appendix I](#Appendix_I)). | | | | | | | |
| **Section 5: Non-Permit Confined Space Entry** | | | | | | | |
| No action is necessary for non-permit confined spaces unless personnel are entering non-permit spaces and there are changes within these spaces that may increase or create a hazard to entrants. If such a situation occurs, the space must be reevaluated, and if necessary, reclassified as a PRCS.  If personnel will enter this non-permit confined space, complete the following and post at the entrance to the space:  Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Location of space:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | |
| The following conditions and precautions are required for safe entry into this non-permit confined space:\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | |
| The following changes within this non-permit confined space constitute a "change in conditions" and require a re-evaluation of the space prior to entry:  1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  5.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | |
| **In all cases, if hazards arise during non-permit confined space entry, all personnel must leave the space immediately. Confined spaces must be re-evaluated whenever there are changes in the use or configuration of the space or when hazards change or arise.**  Signature of certifying individual:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ***Note: Retain this form in site files for the confined space safety program evaluation.*** | | | | | | | |