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| Confined Space  |

**Applicability:** This permit establishes that all hazards have been identified and controlled and it lists the confined space (CS) entry supervisor and authorised entrants and attendants.

For more information, see [Confined Space](http://www-group.slac.stanford.edu/esh/eshmanual/references/confinedProcedEntry.pdf) Risk Assessment, Site Specific Risk Assessment and Method Statement.

**Instructions:** This form (or equivalent subcontractor’s approved form) must be signed by the CS entry supervisor (Section 6) before entry and it must be kept in the Work folder during the entry. Once the work is completed, the CS entry supervisor must close the permit by signing Section 7 and sending it to the HSEQ Manager

1. Permit Conditions

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| Reason for entry: | Entry date: Permit expiration *(date and time)*: |
| Entrant: | Acceptable entry conditions: |
| Entrant: |
| Entrant: |
| Attendant: |
| Attendant: |
| Manhole Number: |  |
| Description: | Location: |
| Known and potential hazards: |

**2. Requirements Checklist** *(check all that apply)*

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| Equipment | Personal protective equipment and personal monitors |
| Non-entry rescue equipment [ ]  Full body harness [ ]  Tripod / hoist [ ]  Lifeline | Gloves: [ ]  Leather [ ]  Impervious [ ]  Chemical resistant  [ ]  Other: |
| Area security: [ ]  Warning signs [ ]  Barricades | Face / eye protection: [ ]  Face shield [ ]  Goggles [ ]  Other: |
| [ ]  Ladder | [ ]  Footwear |
| [ ]  Fall protection equipment | [ ]  Coveralls |
| [ ]  Ventilation fan or blower | [ ]  Head protection |
| [ ]  Fire extinguisher | [ ]  Gas Detector(s)  |
| [ ]  Self-contained breathing apparatus (SCBA) | [ ]  Other: |
| [ ]  Air purifying respirator: specify cartridge type:  | [ ]  Other: |
| [ ]  Other: | [ ]  Other: |

3. Pre-entry Checklist

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| [ ]  Verify adequate confined space training[ ]  Pre-entry briefing on specific hazards and control methods [ ]  Notify contractors of permit and hazard conditions [ ]  Non-entry rescue and procedure in place[ ]  Notify affected propertys and persons of service interruption [ ]  Lines blocked or broken[ ]  Drain space [ ]  Other: | Weather Conditions: Entry must NOT be attempted if wet weather is expected in area served by manhole. Weather conditions Dry: [ ]  Raining: [ ]  Rain Expected: [ ]  Communication: [ ]  Radio [ ]  Rope signals [ ]  Hand signals [ ]  VerbalLighting: [ ]  EX Rated [ ]  StandardAir flush: [ ]  Preliminary [ ]  Continuous [ ]  Other: |

**4. Personnel Entry and Exit Record** *(to be completed as needed before and during work)*

|  | Entrant name: | Attendant name: | Entrant name: | Attendant name: | Entrant name: | Attendant name: |
| --- | --- | --- | --- | --- | --- | --- |
| Time in |  |  |  |  |  |  |
| Time out |  |  |  |  |  |  |
| Time in |  |  |  |  |  |  |
| Time out |  |  |  |  |  |  |
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| Time out |  |  |  |  |  |  |
| Time in |  |  |  |  |  |  |
| Time out |  |  |  |  |  |  |
| Time in |  |  |  |  |  |  |
| Time out |  |  |  |  |  |  |
| Time in |  |  |  |  |  |  |
| Time out |  |  |  |  |  |  |
| Time in |  |  |  |  |  |  |
| Time out |  |  |  |  |  |  |
| Notes: |

5. Air Monitoring Results *(to be completed as needed before and during work)*

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| Attendant will sample air [ ]  Continuously [ ]  Every \_\_\_\_\_\_ minutes [ ]  No sampling required because: |
| Device | Sequence or serial number | Calibration due date | Pre-use check performed by | Notes |
|  |  |  |  |  |
|  |  |  |  |  |
| Date: |
| Time | Sampled by | [ ]  O2(19.5–23.5%) | [ ]  (LEL/LFL <10%) | [ ]  CO(<25 ppm) | [ ]  H2S(<10 ppm) | [ ]  Stratification | [ ]  Other: |
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6. Pre-entry Certification *(must be signed by the confined space entry supervisor before entry)*

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| I hereby certify that all required hazard controls are in place, that air monitoring is being conducted as required and results show that the atmosphere is acceptable for entry, and that all required information is documented on this permit. |
| Confined space entry supervisor for this entry: |  |
| Signature: | Date: |

7. Permit Closure *(must be signed by the confined space entry supervisor after work is completed)*

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| The work was done in accordance with this permit. A copy of this permit will be forwarded to the HSEQ Manage. |
| Name: |
| Signature: | Date: |

**8. EMERGENCY PROCEDURES AND RESCUE**

**8.1 The Entry Supervisor must ensure that All members of the team are briefed on the scope of the works, procedures to be employed, health and safety requirements, communications procedures, emergency procedures and emergency contact details before the manual entry procedure commences.**

**8.2 If a hazard arises within the confined space personnel in the space will immediately exit and contact the Entry Supervisor and Head Office. The Entry Supervisor, with assistance from the Head Office, will re-evaluate the space to determine the appropriate course of action.**

**8.3 Personnel will immediately leave the space when any of the gas monitor alarm points are activated.**

**8.4 If at any time there is any questionable action or non-movement by the Authorised Entrant, the Attendant will make a verbal check. If there is no response or a questionable response, the worker in the space will be ordered to evacuate the space immediately.**

**8.5 If possible, the Authorised Entrants will initiate self-rescue by climbing out of the space.**

**8.6 If self-rescue is not possible, the attendant will retrieve the entrant via the connected retrieval line. If the attendant is unable to retrieve the entrant via the lifeline, the attendant will call for emergency rescue services.**

**8.7 If the entrant is disabled due to falling or impact, he/she will not be removed from the confined space unless there is immediate danger to his/her life.**

**8.8 The attendant will not enter the space to perform rescue operations unless there is immediate danger to the life of the entrant. If emergency rescue operation is to be performed the Authorised Attendant must wear full BA rescue kit, harness connected to rescue winch and equipped with gas monitor and Ex rated torch.**

**8.9 Call the Emergency Services on 999, give full details of the emergency, the exact location of the emergency and request the necessary services.**

**8.10 Notify Head Office or Duty Manager of the emergency as soon as practically possible.**

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| **I have been advised of, and understand the scope of the works, procedures to be employed, health and safety requirements, communications procedures, emergency procedures and emergency contact details** |
| **Name** | **Signature** |
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