CONFINED SPACE ENTRY PERMIT

PERMIT IS VALID FOR ONE (1) WORKSHIFT ONLY

|  |  |  |
| --- | --- | --- |
| BUILDING | ISSUE DATEAND TIME | **EMERGENCY RESPONSE** |
| CONFINED SPACE TO BE ENTERED |
| PURPOSE OF ENTRY |

WHAT POTENTIAL HAZARDS EXIST OR HAVE EXISTED IN THIS CONFINED SPACE? (CHECK ALL THAT APPLY)

OXYGEN DEFICENCY [ ]  YES [ ]  NO MECHANICAL/ELECTIRCAL [ ]  YES [ ]  NO CORROSIVE MATERIALS [ ]  YES [ ]  NO

FIRE/PROPOELLANT [ ]  YES [ ]  NO TOXIC/CHEMICAL [ ]  YES [ ]  NO ENGULFMENT/ENTRAPMENT [ ]  YES [ ]  NO

|  |  |  |  |
| --- | --- | --- | --- |
| BUMP TEST OF MONITOR PERFORMED | DATE: | TIME: | INITIALS OF TESTER: |
| (Must be performed prior to each shifts’ use. Display readings should be within the limits stated on the calibration cylinder, if not the unit needs recalibration) |

ATMOSPHERIC TESTS (include time and results of testing performed)

ALLOWABLE LIMITS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TIME OF DAY |  |  |  |  |
| OXYGEN (RANGE 19.5% - 23.5%) |  |  |  |  |
| FLAMMABILITY (up to 10%) |  |  |  |  |
| TOXICITY (PPM OR MG/M3) |  |  |  |  |
| INITIALS OF TESTER |  |  |  |  |
| IF ANY OF THE ATMOSPHERIC TEST RESULTS ARE OUTSIDE OF THE ACCEPTABLE RANGE, CONTACT SAFETY |
| PREPERATION – Steps taken to eliminate the potential hazards*(Check all that apply and circle specific method)*[ ]  NOTIFY AFFECTED DEPARTMENTS OF SERVICE INTERUPTIONS[ ]  ISOLATE PIPING, GYDRAULIC, PNEUMATIC, ELECTRICAL,  MECHANICALMETHOD: Lockout, Tagout, Blank or Double Valve, Block, Disconnect[ ]  ZERO ENERGY STATE (Lockout All Energy Sources)[ ]  CLEANED, DRAINED, WASHED, PURGED OR INERTED[ ]  VENTILATION AND FLUSHING TO PROVIDE FRESH AIR[ ]  EMPLOYEES INFOMRED OF SPECIFIC CONFINED SPACE  HAZARDS (Pre-Entry Briefing)[ ]  PROCEDURES REVIEWED WITH EACH EMPLOYEE[ ]  ATMOSPHERIC TEST IN COMPLIANCE[ ]  OTHER PERMITS REQUIRED (Hot Work, Excavation, etc.)[ ]  SECURE AREA[ ]  EGRESS ROUTE DEFINED | EQUIPMENT REQURIED FOR ENTRY AND WORK*(Check all that apply and circle specific items)*[ ]  ATMOSPHERIC MONITOR[ ]  RESPIRATOR: SCBA, Supplied Air, Powered Air,  Full Face, Half Face[ ]  CARTRIDGE: Organic Vapors, Acid Gas, Organic Vapor/Acid Gas,  Ammonia/Amine, HEPA, DustMist[ ]  LIFELINE (RETRIEVAL LINE) AND SAFETY HARNESS[ ]  PPE: Hard Hat, Safety Glasses, Monogoggles, Welding Hood,  Face Shield, Hearing Protection, Coveralls, Tyvek Suit, Acid Gear, Splash Suit, Chemical Resistant Gloves, Leather Gloves , Safety Shoes, Chemical Boots[ ]  FIRE EXTINGUISHER(S)[ ]  ACCEPTABLE ILLUMINATION: Flashlights, Hand Lights, Cord Lights, Portable Lights, Generator[ ]  ELECTIRCAL EQUIPMENT TOOLS: Low Voltage, Ground-Fault Circuit interrupters, Approved for Hazardous Locations[ ]  COMMUNICATION METHOD: Verbal, Radio, Hand Signals |
| OTHER ENTRIES TO BOXES ABOVE; INCLUDE ANY HAZARDS THAT MAY BE INTODUCED INTO THE SPACE WHILE PERFORMING WORK |
| I certify that I have read this permit and I am acquainted with the hazards and pre-entry test results.AUTHORIZED (ELIGIBLE) ATTENDANT SIGNATURE | ENTRY SUPERISOR APPROVAL AND SIGNATUREI certify that all required precautions have been taken and necessary equipment is provided for safe entry and work in this confined space.NAME *(print)*SIGNATUREPERMIT CLOSED TIME DATE |
| AUTHORIZED (ELIGIBLE) ENTRANT(S) SIGNATURE |
| THIS DOCUMENT MUST BE KEPT IN THE WORK CENTER OR SAFETY FILES FOR ONE YOUR FOR EVEALUATION PURPOSES |

**AUTHORIZED ENTRANTS DUTIES**

1. Completed “Permit Required Confined Space” training classes.
2. Know the hazards that may be faced during entry, including information on the mode, signs or symptoms and consequences of the exposure.
3. Properly use equipment.
4. Communicate with the attendance as necessary to enable the attendant to monitor entrant status and to enable the attendant to alert entrants of the need to evacuate the space.
5. Alert the attendant whenever:
	1. The entrant recognizes any warning sign or symptom of exposure to a dangerous situation
	2. The entrant detects a prohibited condition
6. Exit from the permit space as quickly as possible whenever:
	1. An order to evacuate is given by the attendant or the entry supervisor
	2. The entrant recognizes any warning sign or symptom of exposure to a dangerous situation
	3. The entrant detects a prohibited condition
	4. An evacuation alarm is activated

**ATTENDANT DUTIES**

1. Completed “Permit Required Confined Space” training class.
2. Must know the hazards that may be faced during entry, including information on the mode, signs or symptoms and consequences of exposure.
3. Is aware of possible behavioral effects of hazard exposure in authorized entrants
4. Continuously maintains an accurate count of authorized entrants in the permit space and ensures that the means used to identify authorized entrants accurately identifies who is in the permit space.
5. Remains outside the permit space during entry operations until relieved by another attendant.
6. Communicates with authorized entrants a necessary to monitor entrant status and to alert entrants of the need to evacuate the space.
7. Monitors activities inside and outside the space to determine if it is safe for entrants to remain in the space and orders the authorized entrants to evacuate the permit space immediately when:
	1. A prohibited condition is detected, or
	2. If the behavioral effects of hazard exposure in an authorized entrant are detected, or
	3. If a situation outside the space that could endanger the authorized entrants in noticed, or
	4. If the attendant cannot effectively and safely preform all the duties required/
8. Summons rescue and other emergency services as soon as the attendant determines that authorized entrants may need assistance to escape the permit space hazards
9. Never enters the confined space to attempt a rescue. Only designated rescue response personnel will enter a confined space to affect a rescue.
10. Takes the following action when unauthorized persons approach or enter a permit space while entry is underway:
	1. Warns the unauthorized persons that they must stay away from the permit space.
	2. Advises the unauthorized persons that they must exit immediately if they have entered the permit space.
	3. Informs the authorized entrants and the entry supervisor if unauthorized persons have entered the permit space.
11. Performs no duties that might interfere with the attendant’s primary duty to protect the authorized entrants.
12. Knows the location of the nearest telephone to call for emergence rescue.

**ENTRY SUPERVISOR DUTIES**

1. Completed “Permit Required Confined Space” training classes.
2. Knows the hazards that may be faced during entry, including information on the mode, signs or symptoms and consequences of exposure.
3. Verifies, by checking that the appropriate entries have been made on the permit that all tests specified by the permit have been conducted and that all procedures and equipment specified by the permit are in place before endorsing the permit and allowing entry to begin.
4. Terminates the entry and cancels the permit.
5. Verifies that rescue services are available and that the means for summoning them are operable.
6. Removes unauthorized individuals who enter or who attempt to enter the permit space during entry operations.
7. Determines, whenever responsibility for a permit space entry operation is transferred and at intervals dictated by the hazards and operations performed within the space, that entry operations remain consistent with terms of the entry permit and that acceptable entry conditions are maintained.
8. Conducts a pre-entry briefing and post-entry debriefing.
9. Maintains file for Permit-Required Confined Space Entry Permits.