|  |                       |                     |                               | ment of A          |  |                    |                             |         |
|--|-----------------------|---------------------|-------------------------------|--------------------|--|--------------------|-----------------------------|---------|
|  |                       | CONF                | INED SF                       | PACE EN            | NTRY PEF   | RMIT               |                             |         |
| GENERAL INFORMATION: Space to be entered:  |                       |                     |                               | Purpose of entry:  |  |                    |                             | ermit # |
| Location/Building:   |                       |                     |                               | <u> </u>           | Duration of permi  | +•                 |                             |         |
|  |                       |                     |                               | l                  | Date: To: To:  |                    |                             |         |
| PERMIT SPACE HAZARDS (Initial to indicate specific hazards)  Oxygen deficiency (less than 19.5%)  Oxygen enrichment (more than 23.5%)  |                       |                     |                               |                    | EQUIPMENT REQUIRED FOR ENTRY AND WORK Personal Protective Equipment: |                    |                             |         |
| Flammable gases or vapors (greater than 10% LFL) Airborne combustible dust (equal to or over LFL)  |                       |                     |                               |                    | Atmospheric testing/monitoring:                                      |                    |                             |         |
| Toxic gases or vapors (greater than PEL)   |                       |                     |                               |                    | Communication:   |                    |                             |         |
| Mechanical hazards Electric shock hazards  |                       |                     |                               |                    | Rescue Equipment:  |                    |                             |         |
| Material harmful to skin Engulfment hazards  |                       |                     |                               |                    | Other:   |                    |                             |         |
| Other:   |                       |                     |                               |                    |  |                    |                             |         |
| PREPARATION FOR ENTRY (Check off after steps have been taken)  Notification of affected departments of service interruption.  Isolation methods: Lockout/Tagout Blank/Blind  Purge/Clean Inert Ventilate  Atmospheric test Barriers Other: |                       |                     |                               |                    | COMMUNICATION PROCEDURES To be used by attendants and entrants:      |                    |                             |         |
| Personnel awareness:  Pre-entry briefing on specific hazards and control methods Notify contractors of permit and hazard conditions Other:   |                       |                     |                               |                    | AUTHORIZED ENTRANTS (List by name)  [ ] see attached roster          |                    |                             |         |
| Additional permits required and/or attached: Hot Work Line Breaking Other:   |                       |                     |                               |                    | AUTHORIZED AT  | rtendants (Li      | ist by name)                |         |
| TESTING RECO   |                       |                     | <del></del>                   |                    |  |                    |                             |         |
|  | Acceptable            | Result              | Result                        | Result             | Result   | Result             | Result                      | Result  |
| Time   | Conditions            | am/pm _             | am/pm                         | am/pm              | am/pm  | am/pm              | am/pm                       | am/pm   |
| Oxygen min.  | > 19.5%               |                     |                               |                    | <del>                                     </del>                     |                    |                             |         |
| Oxygen max.  | < 23.5%               | <u> </u>            | <del></del>                   |                    | <del>                                     </del>                     |                    |                             |         |
| Flammability<br>H <sub>2</sub> S   | < 10% LFL<br>< 10 ppm | <u> </u>            | <del></del>                   |                    | <del>                                     </del>                     |                    |                             |         |
| Toxic (specify)  | < το μριτι            | <u> </u>            |                               |                    | +  | +                  |                             |         |
| Cl <sub>2</sub>  | < 0.5 ppm             |                     |                               |                    |  |                    |                             |         |
| CO   | < 35 ppm              |                     |                               | -                  |  |                    |                             |         |
| SO <sub>2</sub>  | < 2 ppm               |                     |                               |                    |  |                    |                             |         |
| Heat   | ºF/ºC                 |                     |                               |                    |  |                    |                             |         |
| Other  |                       |                     |                               |                    |  |                    |                             |         |
| Tester Initials:   |                       |                     |                               |                    |  |                    |                             |         |
|  |                       | ions have been take | en and necessary<br>Bignature | v equipment is pro | ovided for safe entry<br>D   | and work in this o | confined space. <b>Time</b> |         |