**Safe Job Procedures**

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| Name of Job:  **Confined Space Entry** | Development Date:  **March 30th, 2011** | Developed By:  **CSNS** |

**Possible Hazards Present**

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| --- | --- | --- | --- |
| Claustrophobia  Potential acute or | Flammable gases | Inhalation of fumes or vapors | Water |
| Pressurized liquids/gases | Restricted access/egress | chronic health hazards  Asphyxiation | Physical Hazards  (dust, light and noise) |

**Personal Protective Equipment (PPE) and Devices Recommended**

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| --- | --- | --- | --- |
| Steel Toed Boots  Detector/Gas monitor | Eye protection | Hand protection | Fall arrest and quick retrieval |
| Communication device | Self Contained Breathing Apparatus (SCBA) |  |  |

**What is a proper safe job procedure to follow?**

* Ensure confined space rescue team is contacted and on site
* Inspect the area for hazards and designate a leader
* Test confined space for the following:
  + Flammable or explosive material
  + Combustible gasses – using a detector
  + Adequate natural ventilation and/or install explosion proof fans and ducts. If ventilation is still poor, breathing apparatus or air line respirator may be required.
* Check confined space for toxic or corrosive materials. If detected, empty confined space and flush with pressurized water. All workers must wear respirator and eye protection if corrosive materials are present.
* Check equipment to be used and general conditions of the space, including:
  + Disconnect, blind or lock entry ways that may allow hazardous materials in
  + Verify alarm devices indicating the presence of gas or oxygen deficiency are working
* Determine the area is safe, all workers understand the procedures, proper signage and barricades are used, and that all workers are knowledgeable of the rescue plan in the event of an emergency.