



Mission Success Starts With Safety

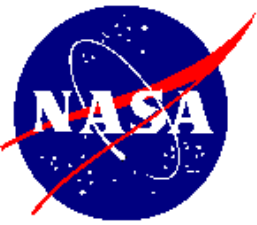


SSC Monthly Construction Contractor Meeting

Safety Presentation

Confined Space Safety

July 13, 2023



Safety Topic

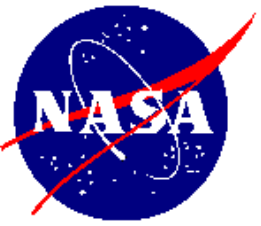
Confined Space Safety





SSC Program Overview

- **SCWI-8715-0004, *SSC Confined Space Entry Program***
- **SSC Confined Space Entry Program Manager – *Mike Rewis***
- **Required documents:**
 - *Confined Space Entry Plan*
 - *Form SSC-576*
 - *Safety Data Sheets (if hazardous materials are used in the confined space)*
 - *Activity Hazard Analysis and/or Safe Plan of Action*



Confined Space Safety

Confined space means a space that:

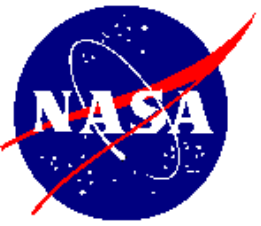
- **(1) Is large enough and so configured that an employee can bodily enter and perform assigned work; and**
- **(2) Has limited or restricted means for entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, vaults, and pits are spaces that may have limited means of entry.); and**
- **(3) Is not designed for continuous employee occupancy.**



Confined Space Safety

Permit-required confined space (permit space) means a confined space that has one or more of the following characteristics:

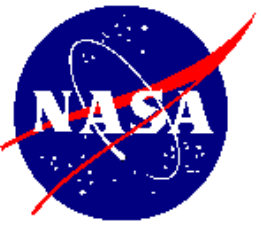
- (1) Contains or has a potential to contain a hazardous atmosphere;**
- (2) Contains a material that has the potential for engulfing an entrant;**
- (3) Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which slopes downward and tapers to a smaller cross-section; or**
- (4) Contains any other recognized serious safety or health hazard.**



Confined Space Hazards

Examples:

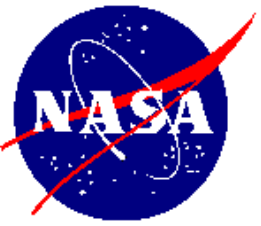
- **Oxygen deficient atmospheres <19.5%**
- **Oxygen enrichment atmospheres > 23.5%**
- **Combustible dusts**
- **Toxic chemicals**
- **Thermal stress**
- **Particulates**
- **Explosive atmospheres**
- **Biological hazards (mold, insects, spiders, alligators, etc.)**
- **Mechanical injuries (unguarded equipment, energized equipment, etc.)**
- **Other**



Personnel

SCWI-8715-0004:

- Entrant (4.5.1) - *personnel designated to enter confined spaces*
- Entry Supervisor (4.5.2) – *overall approval and responsibility for entry – must notify the fire department of entry at least 24 hours in advance*
- Attendant (4.5.3) – *maintains the permit and communication with the entrants. SHALL NOT ENTER THE PERMIT-REQUIRED CONFINED SPACE TO ATTEMPT RESCUE*
- Rescue Team (4.5.4) – *may consist of the SSC Fire Department or an approved rescue team.*



Rescue

- Self Rescue
- Entry
 - Entrant Training
 - First Aid/CPR
 - Provided with and trained in proper use of PPE and rescue equipment
 - Practice rescue in similar permit required confined space annually

- Non-Entry

