Confined Space – Plan and Rescue

Confined spaces present some of the most challenging environments for any health and safety professionals. From potentially toxic atmospheres, to physically hazardous conditions such as extreme temperatures, unstable materials, or the potential for falls, confined spaces often present unseen challenges. Creating and maintaining a safe jobsite with confined spaces depends on having correct, current information.

Bad things can happen inside of confined spaces.

96 deaths in confined spaces in the US alone (on average per year)

61% Physical hazards
34% Atmospheric hazards

Physical hazards:
- Suffocation
- Fire
- Explosion
- Encounters
- Fractures
- Poisoning
- Drowning
- Electrocution
- Engulfment
- Slips/falls
- "Struck-by"
- Crush/mechanical

Atmospheric hazards:
- Oxygen deficiency/excess
- Flammable/explosive atmospheres
- Toxic/asphyxiant atmospheres
- Excess heat/temperature
- Other

Example hazards:
- Oxygen deficiency/excess
- Flammable/explosive atmospheres
- Toxic/asphyxiant atmospheres
- Excess heat/temperature
- Other

Other

3M can help! (Plan, access, work inside, rescue and retrieval)

1. Plan
- Training courses
- Regulatory requirements
- Practical tools

2. Access
- Training courses
- Air monitoring
- Retrieval equipment and PPE

3. Work inside
- Training courses
- PPE to help protect from hazards inside the space

4. Rescue and retrieval
- Training courses
- Tools to help with rescue plan
- Rescue and retrieval equipment

Typical environments
- Storage tanks
- Tunnels
- Culverts
- Manhole
- Elevator shaft
- Reaction vessels
- Ductwork
- Utility vault
- Waste water treatment

3M™ Confined Space Solutions

For further information and training resources or to request a site visit go to:
www.3M.co.uk/confinedspaces