

WORK IN CONFINED SPACES – THE IMPACT OF HAZARDS AND DANGERS ON WORKERS HEALTH

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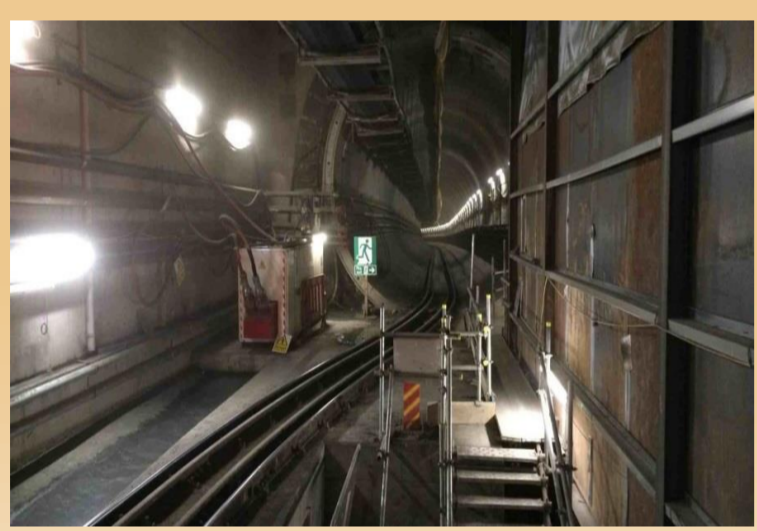
Croatian Institute for Health Protection and Safety at Work

Confined space is poorly ventilated, enclosed or partially enclosed space with limited entry and exit.

Confined spaces examples:



- tunnels
- wells
- manholes
- culverts
- tanks
- ship holds
- silos
- pipelines



Hazards and dangers in confined space

- toxic atmosphere
- oxygen deficiency or enrichment
- flammable or explosive atmospheres
- flowing liquid or free flowing solids
- excessive heat
- entanglement
- slips and falls
- wet/slick surfaces
- falling objects



Are you trained, equipped and authorized?

Always:

- ✓ know how to safely enter in and how to quickly leave confined space
- ✓ work in pairs
- ✓ monitor potential atmospheric hazards prior to entry and during stay
- ✓ if possible, maintain proper ventilation
- ✓ wear personal protective equipment and be familiar with its use



Check list

CONFINED SPACE ENTRY CHECKLIST		
Hazardous atmospheres ventilation		Dangers
Flammability		Electrical
Oxygen content		Mechanical
Combustible dust, visual		Temperature extremes
Toxic gas measurement		High pressure
Air supply		Animals, insects, plants
Inert atmosphere		Limited/obstructed entry points
Personal protective equipment		Other equipment
Respirator		Life line, lanyard
Hard hat		Retrieval line, harness, wristlet
Glass/goggles		Communication system(s)
Face shield		Lighting
Hearing protection		Isolation
Clothing		Barricades
Gloves		Rescue service contacted
Shoes		Other (specify)
Other (specify)		

Completed By: _____ Date/Time Completed _____
 Location Completed for: _____

Prior to entry in confined space, the appropriate safety checks must be carried out.