



Guidelines – Confined Space Entry

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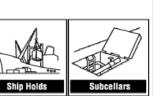


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CONFINED SPACE - DEFINITION

A confined space is an enclosed or partially enclosed space that is not primarily designed to intend for human occupancy with a restricted entry or exit by way of location and size.

HAZARDS IN CONFINED SPACE

- Lack of oxygen and presence of other toxic gases
- Fire / explosion hazards by the hot works inside, chemicals and flammable materials used
- Fall, slip, trip and collapse due poor material stacking and unsafe platforms
- Electrocution by electric connections and power tools machinery used inside confined space
- Dust/noise from activities performed inside confined space

RISK ASSESSMENT & PTW

- Ensure specific to the place and activity risk assessment is done
- Ensure response plan is included in your risk assessment
- Permit to work / entry permit systems must be followed strictly
- Competent personnel only to be engaged for the activity
- Registers must be strictly maintained for entry permit systems and RA procedures











VENTILATION AND AIR QUALITY

- Proper designed mechanical ventilation must be provided.
- Air quality must be monitored and oxygen level regularly checked by third party personnel / who issues permit
- Required air changes per minute shall be calculated as per the area inherent hazards

TRAININGS

- All personnel involved in confined space activity shall be trained and competent enough.
- Every day pre job training shall be conducted.
- Emergency training and frequent drills shall be practiced
- All training records must be maintained
- Training plan shall be maintained

EMERGENCY PROCEDURE

- Emergency kit / assembly/ tripod and other required apparatus shall be available in every shift and well maintained in working condition
- Emergency evacuation drills and role, responsible shall be made familiar

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