

Guidelines – Confined Space Entry

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CONFINED SPACE – DEFINITION	HAZARDS IN CONFINED SPACE	RISK ASSESSMENT & PTW
<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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	TRAININGS	EMERGENCY PROCEDURE
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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