

Checklist – Compliance with Conditions for Entry into a Confined Space

Work in a confined space may involve numerous hazards to the health and safety of the worker. This checklist allows for the assessment of compliance with the conditions for safe entry into a confined space. It should only be used as a supplement to the applicable standards and regulations.

| Work Details | |
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| Type of work: | |
| Work location: | |
| Person authorising the work: | |
| Work contractor(s): | |

Preparation of the Work Area

Isolation:

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| <input type="checkbox"/> | Has the inflow/outflow of materials, substances and agents from other tanks, pipelines, apparatus, etc., to/from the confined space been isolated? |
| <input type="checkbox"/> | Have heaters, moving parts and other equipment inside the tank that could pose a hazard been disconnected from their sources of power? |
| <input type="checkbox"/> | Where possible, has mechanical equipment been locked off, wedged and immobilised? |
| <input type="checkbox"/> | Have pressurised pipelines been drained and blanked off? |

Cleaning:

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| <input type="checkbox"/> | Has the space (tank, technical equipment, chamber) been emptied and cleaned prior to entry? |
| <input type="checkbox"/> | Has the space been treated with steam? |
| <input type="checkbox"/> | Has the space been purged with an inert gas? |
| <input type="checkbox"/> | Has the space been ventilated with air? |

Atmospheric Testing Prior to Entry:

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| <input type="checkbox"/> | Has the atmosphere inside the confined space been tested? |
| <input type="checkbox"/> | for oxygen |
| <input type="checkbox"/> | for toxic substances |
| <input type="checkbox"/> | for flammable and explosive substances |

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| <input type="checkbox"/> | Was the oxygen content at least 18.0% but not more than 23.5%? |
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| <input type="checkbox"/> | Did the test results indicate the presence of toxic, flammable or explosive gases/vapours? | |
| | <input type="checkbox"/> | toxic substances |
| | <input type="checkbox"/> | flammable and explosive substances |
| <input type="checkbox"/> | Has the person entering the confined space been made aware of the hazards? | |
| <input type="checkbox"/> | Will the atmosphere inside the confined space be continuously monitored during the work? | |
| <input type="checkbox"/> | For which substances will continuous monitoring be carried out? | |
| | <input type="checkbox"/> | hydrogen sulphide |
| | <input type="checkbox"/> | carbon monoxide |
| | <input type="checkbox"/> | carbon dioxide |
| | <input type="checkbox"/> | chlorine |
| | <input type="checkbox"/> | hydrogen chloride |
| | <input type="checkbox"/> | others (list enclosed) |
| <input type="checkbox"/> | Will the oxygen content inside the confined space be measured continuously, or periodically during the work? | |
| | If periodically, at what time intervals? | |

**Reminder:**









Conditions inside a confined space can change during the work. Materials present inside may also affect these changes. Even if conditions are safe at the time of entry, they can change rapidly.

Ventilation:

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| <input type="checkbox"/> | Has the space been ventilated before entry? |
| <input type="checkbox"/> | Will the space be ventilated during entry? |
| <input type="checkbox"/> | Is the intake of the ventilation system located in an area free from flammable dusts and vapours, or toxic substances? |
| <input type="checkbox"/> | If the atmosphere was deemed unacceptable after ventilation but before entry, has it been re-tested? |

PPE / Equipment:

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| <input type="checkbox"/> | Has every worker entering the confined space been informed of the hazards and trained in the use of personal protective equipment? |
| <input type="checkbox"/> | Have the workers been provided with the basic personal protective equipment required for entering a confined space? |

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|  | Protective helmet with a four-point chin strap | <input type="checkbox"/> |  | Protective clothing (antistatic and resistant to hazardous chemicals) | <input type="checkbox"/> |
|  | Protective footwear | <input type="checkbox"/> |  | Sealed protective goggles or a full protective helmet with hood | <input type="checkbox"/> |
|  | Disposable protective coveralls, Category 3, Type 4, 5, 6; for flammable and explosive hazards – in antistatic version | <input type="checkbox"/> |  | Protective respiratory isolation equipment, e.g. fresh air hose mask | <input type="checkbox"/> |
|  | Protective gloves | <input type="checkbox"/> |  | Safety harness with lifeline | <input type="checkbox"/> |
| <input type="checkbox"/> | Have the workers been provided with any other personal protective equipment according to the hazard assessment? If yes, what kind? | | | | |
| <input type="checkbox"/> | Is it necessary to use any additional equipment (i.e. rescue equipment)? If yes, what kind? (e.g. safety tripods, rescue lifting device) | | | | |
| <input type="checkbox"/> | Have the workers entering the confined space been instructed in the methods of signalling between those inside and those providing standby outside? | | | | |
| <input type="checkbox"/> | Is additional equipment required for communication? If yes, what kind? | | | | |
| <input type="checkbox"/> | Are special tools required for work in the confined space (i.e. intrinsically safe tools)? If yes, what kind? | | | | |



The use of filtering equipment – gas masks with absorbent filters (including powered filter ventilation devices such as SCOTT PROFLOW) – is prohibited for confined space work.

Supervision:


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| <input type="checkbox"/> | Will the worker entering the confined space be supervised by a person acting as the supervisor, with communication maintained between them? |
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Standby:

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| <input type="checkbox"/> | Will the worker entering the confined space be safeguarded by a person acting as the standby, with communication maintained between them? |
| <input type="checkbox"/> | Will the standby be able to see and/or hear the person inside the confined space at all times? |
| <input type="checkbox"/> | Has the standby been trained in the methods of communication and in providing assistance in the event of an unforeseen incident? |
| <input type="checkbox"/> | Has an evacuation plan from the confined space been prepared for unforeseen incidents? |
| <input type="checkbox"/> | Does the standby know the evacuation plan? |

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| <input type="checkbox"/> | Will lines and safety harnesses be required to extract the worker from the confined space? |
| <input type="checkbox"/> | Does the standby know whom and how to notify in the event of an unforeseen incident? |

Written Permit – Permit to Carry Out Particularly Hazardous Work:

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|  | A signed Permit confirms that the atmosphere inside the confined space has been tested by a qualified person and that entry is safe, and also specifies which safety measures, equipment, etc. are required and what work is to be carried out. |
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| <input type="checkbox"/> | Has the Permit been issued / has authorisation been given for entry into the confined space? |
| <input type="checkbox"/> | Have all those involved in the task been familiarised with the contents of the Permit? |

Training:

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| <input type="checkbox"/> | Do the workers know the scope of work they are to perform? | |
| <input type="checkbox"/> | Have the workers been trained in safe working in confined spaces? | |
| | <input type="checkbox"/> | Do they know the sequence of tasks to be performed? |
| | <input type="checkbox"/> | Have they been assigned tasks by name? |
| | <input type="checkbox"/> | Have they been trained in the types of hazards that may occur, the necessary personal and collective protective measures, and how to use them? |
| | <input type="checkbox"/> | Have they been trained in the operation of rescue equipment? (safety tripod, rescue tripod, rescue lifting device) |