



Confined Spaces



Confined Spaces

This guide is for Indara workers (including contractors), outlining the minimum criteria required for effective planning and execution of work activities within confined spaces. This guide outlines the criteria that Indara requires to be effectively addressed and managed during the planning and execution of commissioned work activities. Workers are expected to integrate these criteria into their Health Safety Environment Quality (HSEQ) management systems and plans. As a minimum, Indara anticipates evidence of adherence to these criteria in workers' HSEQ management systems and plans.

CRITERIA FOR MANAGING CONFINED SPACES

DESIGNATED RESPONSIBILITIES

Responsibilities and authorities for the oversight of confined spaces, restricted spaces, and tunnel works are assigned. Competent individuals are identified to ensure safe operations.

COMPREHENSIVE WORK PROCEDURES

Work procedures, Safe Work Method Statements (SWMS), and risk assessments are formulated by qualified personnel. These documents must be applicable to the specific worksite and accessible to all workers involved. Each worker impacted by the work detailed in the SWMS is required to acknowledge their understanding by signing onto it.

SAFE EQUIPMENT USAGE

Plant and equipment used within confined or restricted spaces/tunnels must be fit for purpose, used as intended, and maintained in accordance with manufacturer specifications and statutory regulations.

SAFETY LINE SYSTEMS AND ANCHORAGE POINTS

Safety line systems and anchorage points are inspected, maintained, and, when necessary, certified by a structural engineer to ensure their reliability and safety.

VENTILATION AND ENVIRONMENT

Adequate ventilation is provided as needed within confined spaces. Fixed ladders, platforms, and walkways are established as required.

UNAUTHORISED ENTRY PREVENTION

Methods for securing confined spaces against unauthorised entry are implemented. Keyed access, locks, and barriers are preferred methods. Signage alone should not be relied upon for securing access.

EFFECTIVE SIGNAGE

Proper signage is placed at each entry point of a confined space, clearly indicating its nature.

CERTIFICATION AND MAINTENANCE

Testing, certification, and maintenance requirements for equipment within confined spaces are identified, recorded, and monitored.

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QUALIFICATION FOR WORKERS

All personnel involved in confined space work hold a confined space entry qualification.

PERMIT SYSTEM

A confined space entry/exit permit system is in place and administered by competent personnel in accordance with relevant legislation and codes of practice.

AIR MONITORING

Air monitoring requirements are identified and implemented where necessary for the safety of workers.

ENERGY SOURCE CONTROL

Energy sources that require isolation within or near confined spaces are documented, controlled, and managed.

NO IGNITION SOURCES

Sources of ignition are strictly prohibited within confined spaces where the potential for fire or explosion exists.

SAFETY MEASURES

Adequate illumination is provided in and around confined spaces/tunnels to ensure safe working conditions.

ACCESS AND EGRESS ROUTES

Safe access and egress routes for confined/restricted spaces and tunnels are clearly identified and known by all workers.

PUBLIC ACCESS CONTROL

In the case of public access tunnels, appropriate control measures are implemented to ensure public safety.

FATIGUE AND HEAT STRESS MANAGEMENT

Consideration for worker fatigue and potential heat stress is integrated, and mitigation measures are in place.

EMERGENCY AND RESCUE PREPAREDNESS

EMERGENCY AND RESCUE PLAN

A comprehensive emergency and rescue plan is established to address potential incidents within confined spaces.

RESCUE EQUIPMENT AVAILABILITY

Adequate emergency and rescue equipment is readily available and ready for use.

TRAINING AND FAMILIARITY

Workers are well-versed in the proper use of rescue equipment and have practised its deployment.

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CONFINED SPACES

Confined space means an enclosed or partially enclosed space that:

- is not designed or intended primarily to be occupied by a person; and
- is, or is designed or intended to be, at normal atmospheric pressure while any person is in the space; and
- is likely to be a risk to health and safety from:
 - an atmosphere that does not have a safe oxygen level; or
 - contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion; or
 - harmful concentrations of any airborne contaminants; or
 - engulfment, but does not include a mine shaft or the workings of a mine.

This guide underscores Indara's unwavering commitment to ensuring the safety and well-being of workers engaged in confined space activities. All persons, including contractors collaborating with us are expected to adhere to these guidelines for the protection of all involved.

DOCUMENT CONTROL

This document will be reviewed as necessary or as scheduled in Indara's Documents Review Register.

AUTHORISATION

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AMMENDMENTS

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