

Detailed Explanation

OSHA 1910.146 establishes minimum requirements for identifying, evaluating, and controlling hazards associated with confined spaces—defined as spaces large enough for bodily entry, with limited or restricted means of egress, and not designed for continuous occupancy. A permit-required confined space (PRCS) presents one or more hazards such as atmospheric dangers (e.g., oxygen deficiency, toxic or flammable gases), engulfment, entanglement, or other serious safety or health risks. The entry permit template operationalizes the standard’s procedural safeguards by requiring pre-entry verification—including atmospheric testing, isolation of energy sources (lockout/tagout), ventilation confirmation, PPE assignment, emergency rescue planning, and communication protocols. Each permit must be completed before entry, signed by an authorized supervisor, reviewed for completeness and accuracy, and retained for at least one year per OSHA requirements. The PDF format supports consistent formatting, digital completion (when enabled), version control, and integration into broader safety management systems, making it both a compliance tool and a critical component of hazard identification and risk assessment workflows.

Key Components

#	Component
1	Space identification and description
2	Hazard identification and atmospheric test results
3	Isolation and control measures (LOTO, ventilation, barriers)
4	Entry team roles and signatures (entrant, attendant, supervisor)
5	Rescue plan and emergency contact information

Applications

#	Application
1	Pre-entry safety authorization in manufacturing, utilities, and construction

#	Application
2	Compliance auditing and OSHA inspection readiness
3	Employee training and competency verification for confined space operations

Related Concepts

#	Concept
1	Permit-Required Confined Space (PRCS)
2	Atmospheric Monitoring (LEL, O2, H2S, CO)
3	Lockout/Tagout (LOTO) Procedures
4	Hierarchy of Controls
5	Incident Investigation

Tags

OSHA compliance, confined space safety, permit-to-work, industrial hygiene, safety documentation

OSHA 1910.146 Confined Space Entry Permit Template (PDF)