



HEALTH SAFETY AND ENVIRONMENT | HSE-011

Permit to Work Systems

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Course content

Why Attend

Permit to work systems control high-risk activities such as hot work, confined space entry, electrical isolation and work on process equipment. Failures in permit systems have contributed to many major accidents.

This Aractech course explains the purpose and elements of permit to work systems, permit types, roles and responsibilities, isolation and lockout, simultaneous operations, handover, auditing and electronic permit systems. Participants practise issuing, reviewing and auditing permits using realistic scenarios.

Course Methodology

- Practical permit exercises
- Incident case studies
- Isolation scenario workshops
- Audit exercises
- Group discussions

Course Objectives

- Explain the purpose and principles of permit to work systems
- Identify work requiring permits and the right permit types
- Understand roles of issuers, receivers and authorities
- Apply isolation, lockout and testing requirements
- Manage simultaneous operations and shift handovers
- Audit and improve permit to work systems

Target Audience

- Permit issuers and receivers
- Operations and maintenance supervisors

Course content

- HSE professionals
- Contractor supervisors

Course outline

Detailed course outline

Day-by-day outline for Permit to Work Systems.

Day 1 - Permit to Work Principles

- 09:00-09:39 | Purpose of permit systems
- 09:39-10:18 | Lessons from major accidents
- 10:18-10:57 | Key elements
- 10:57-11:00 | Legal expectations
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Legal expectations (continued)
- 12:05-12:43 | Common failures
- 12:43-14:00 | Case study: Permit failure

Day 2 - Permit Types and Roles

- 09:00-09:39 | Hot work, cold work and confined space permits
- 09:39-10:18 | Electrical permits
- 10:18-10:57 | Certificates and supporting documents
- 10:57-11:00 | Roles and competence
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Roles and competence (continued)
- 12:05-12:43 | Communication
- 12:43-14:00 | Exercise: Selecting permit types

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Day 3 - Isolations and Controls

- 09:00-09:39 | Isolation principles
- 09:39-10:18 | Lockout and tagout
- 10:18-10:57 | Testing and verification
- 10:57-11:00 | Gas testing
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Gas testing (continued)
- 12:05-12:43 | Risk assessment links
- 12:43-14:00 | Workshop: Isolation planning

Day 4 - Managing Permitted Work

- 09:00-09:39 | Permit display and monitoring
- 09:39-10:18 | Simultaneous operations
- 10:18-10:57 | Shift handover
- 10:57-11:00 | Suspension and cancellation
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Suspension and cancellation (continued)
- 12:05-12:43 | Contractors
- 12:43-14:00 | Simulation: Issuing a permit

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Day 5 - Audit and Improvement

- 09:00-09:45 | Permit audits
- 09:45-10:30 | Performance indicators
- 10:30-11:00 | Electronic permit systems
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Electronic permit systems (continued)
- 11:45-12:30 | Training
- 12:30-13:15 | System improvement
- 13:15-14:00 | Capstone: Permit system audit

Seminar dates

Available seminar dates

Live dates and pricing for Permit to Work Systems generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Munich	Classroom	€3,225
14 - 18 December 2026	Amsterdam	Classroom	€2,830
18 - 22 January 2027	Rome	Classroom	€3,460
15 - 19 February 2027	Istanbul	Classroom	€1,978
15 - 19 March 2027	Vienna	Classroom	€3,225
19 - 23 April 2027	Barcelona	Classroom	€2,815
17 - 21 May 2027	Rome	Classroom	€3,460
21 - 25 June 2027	Munich	Classroom	€3,225
19 - 23 July 2027	Madrid	Classroom	€3,400
16 - 20 August 2027	Rome	Classroom	€3,460

Seminar dates

Available seminar dates

Live dates and pricing for Permit to Work Systems generated from the course details page.

Date	Location	Format	Fee
20 - 24 September 2027	Istanbul	Classroom	€1,978
18 - 22 October 2027	Cape Town	Classroom	€1,625
15 - 19 November 2027	Barcelona	Classroom	€2,815
20 - 24 December 2027	Rome	Classroom	€3,460
9 - 13 November 2026	Online / Live	Online / Live	€1,815
14 - 18 December 2026	Online / Live	Online / Live	€1,815
18 - 22 January 2027	Online / Live	Online / Live	€1,815
15 - 19 February 2027	Online / Live	Online / Live	€1,815
15 - 19 March 2027	Online / Live	Online / Live	€1,815
19 - 23 April 2027	Online / Live	Online / Live	€1,815

Seminar dates

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Date	Location	Format	Fee
17 - 21 May 2027	Online / Live	Online / Live	€1,815
21 - 25 June 2027	Online / Live	Online / Live	€1,815
19 - 23 July 2027	Online / Live	Online / Live	€1,815
16 - 20 August 2027	Online / Live	Online / Live	€1,815
20 - 24 September 2027	Online / Live	Online / Live	€1,815
18 - 22 October 2027	Online / Live	Online / Live	€1,815
15 - 19 November 2027	Online / Live	Online / Live	€1,815
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