Permit To Work Training for Manufacturing

Service Objectives

Convert written PTW procedures into competent, consistent decisions across shifts in real manufacturing conditions.

- Know when a permit is required versus a safe system of work for typical factory tasks.
- Link hazard identification to permit conditions (gas testing, isolation, fire watch, rescue).
- Build isolation and LOTO competency using P&IDs, single-line diagrams, and zero-energy checks.
- Strengthen supervisory behaviours: toolbox briefings, stop-work, conflict handling, shift handover.
- Integrate permits with emergency response, control room communication, and re-energisation protocols.

> Outcomes demonstrated in the field: better-written permits, more rigorous verification, fewer incidents, and reduced downtime from unsafe starts or suspensions.

Who This Service Is For

- HSE managers and compliance leads aligning authorisation matrices, hot work controls, and LOTO with real shift operations.
- Production managers and engineering supervisors needing disciplined pre-job risk assessment and verification.
- Permit issuers (area engineers, maintenance coordinators) requiring confidence to verify isolations and rescue arrangements.
- Contractor site supervisors and receiver-level technicians working around conveyors, hot surfaces, forklifts, furnaces, and congested utilities.
- Plant security and control room staff involved in permit handover, access control, and emergency escalation.
- Factories across steel and aluminium, cement and glass, FMCG and F&B, packaging and printing, pharmaceuticals, and fabrication sites.

> Built around UAE requirements and best practice, integrating OSHAD, Dubai Municipality EHS guidelines, and Civil Defence hot work expectations using your site’s actual PTW forms.

Duration & Process Overview

Flexible delivery protects uptime while meeting competency goals.

- Issuer/supervisor pathway: 1–2 days with scenario workshops and site walkdowns.
- Receiver/contractor supervisors: 3–4 hour sessions repeated to cover all shifts; micro-modules (90–120 minutes) for high-risk topics.

- Virtual instructor-led: 2 × 3-hour blocks using your PTW forms and, where relevant, e-PTW sandbox practice.
- Typical cohort size 8–16 for interactive work; schedule mapping ensures shift coverage, including night-shift inclusion.

Methodology

Phase	Objective / What It Covers	Deliverable
Needs Analysis	Collect PTW procedures, templates, isolation certificates, sample P&IDs/schematics, and typical tasks.	Site-specific scenarios and exercise pack.
Customisation	Align content to manufacturing hazards and UAE regulatory expectations; use your permit forms in practice.	Customised materials and forms for training use.
Classroom & Scenarios	Permit writing/review, hazard-to-condition mapping, isolation planning, toolbox briefings, shift handover.	Draft permits, isolation documentation, briefing records.
Field Verification	Walkdowns to validate controls at equipment; photographic evidence, signoffs, and revalidation practice.	Field verification checklists and photos (where feasible).
Digital PTW (Optional)	e-PTW workflow practice, SOP attachments, and evidence capture aligned to your platform.	Sandbox practice and process alignment notes.
Assessment	Scenario-based evaluation, permit-writing exercises, knowledge checks; live observation during maintenance where possible.	Individual feedback and NPM certificate of completion.
Post-Course Support	Alignment with ISO 45001 governance; practical checklists and field verification guides; Train-the-Trainer option.	Sustained roll-out tools and refresher plan inputs.