Emergency Response Training for Manufacturing

Service Objectives

Built for discrete and process manufacturing in the UAE, focused on fast, safe, and coordinated response.

- Establish and run a scalable incident command structure aligned with UAE Civil Defence.
- Execute first-attack firefighting, spill control, and utility isolation using risk-based decisions.
- Conduct evacuation, shelter-in-place, muster, and accountability effectively.
- Strengthen alarm, radio/PA discipline, and clear escalation to management and regulators.
- Plan, run, and debrief drills that validate the Emergency Response Plan and drive improvement.
- Deliver medical first response (trauma control, burns care, AED) to bridge time to EMS.

> Scenario design mirrors your equipment layout, hazardous area classification, and shift patterns; outcomes include stronger audit readiness and insurer confidence.

Who This Service Is For

- Manufacturing facilities with high-energy equipment, hazardous substances, and complex workflows.
- Typical participants: HSE/Fire & Safety teams, ERT members, shift leaders, maintenance/utilities, control room operators, first aiders, security.
- Applicable facilities: machining/press shops, coating/painting lines, bulk chemical storage, boiler/utility houses, warehouses/high-pile storage, confined spaces, refrigeration systems.
- Industry coverage: metal fabrication, F&B processing, FMCG packaging, glass/cement plants, electronics assembly, textiles.
- Risk drivers addressed: rapid fire growth, vapour cloud ignition, entanglement/crush injuries, toxic releases, mass notification gaps, evacuation bottlenecks.
- Contractor supervisors included for unified command; multi-building campuses supported with site-wide strategy and external responder integration.

Duration & Process Overview

- Awareness (on-site or hybrid): 1 day (6–7 hours), 15–25 participants.
- ERT Practitioner (on-site): 2 days (14–16 hours), 12–18 participants.
- Advanced + Scenario Drills (on-site): 3 days (20–24 hours), 10–16 participants.
- Delivery across the UAE; English/Arabic/Hindi-Urdu; options for hybrid theory, micro-sessions for shift coverage, and parallel instructors for scale.

Methodology

A plant-aligned programme combining pre-incident planning, hands-on practice, and scenario-based simulations on your shop floor.

Phase 1 — Pre-training Scoping & Risk Review

- Review ERP, site layouts, process safety information, hazardous area classifications, and MSDS inventories.

Phase 2 — Classroom Foundations

- Hazard recognition and pre-incident planning, incident command roles, and radio/PA protocols aligned with Civil Defence.

Phase 3 — Hands-on Skill Stations

- Extinguishers and hose-reels, spill containment/neutralisation, utility isolation (LOTO interfaces), medical first response.

Phase 4 — Site-based Scenarios & Drills

- Decision gates (fight vs evacuate), communications stress-tests, muster/accountability, integration with sprinklers and external responders.

Phase 5 — Job Aids & Documentation Integration

- Action cards, checklists, and placards aligned with the UAE Fire & Life Safety Code and ISO 45001 requirements.

Phase 6 — Assessment & Certification

- Practical stations, scenario performance, knowledge checks; NPM Certificate of Completion issued on success.

Phase	Objective / What It Covers	Deliverable
1. Pre-training Scoping	Review ERP, layouts, process info, hazardous areas, and chemical inventory to tailor scenarios.	Scoping summary and site-specific scenario plan.
2. Classroom Foundations	Incident command, communications, hazard recognition, and pre-incident planning.	Role cards and comms protocols introduced.
3. Hands-on Skill Stations	Extinguishers/hose-reels, spill control/neutralisation, utility isolation, medical first response.	Demonstrated station proficiency and safety checks.
4. Site-based Scenarios	Plant-floor simulations, decision gates, radio/PA stress-tests, muster and accountability.	Validated ERP actions; performance timings and debrief notes.
5. Job Aids & Integration	Embed action cards, checklists, and placards per UAE Code and ISO 45001.	Editable tools for ongoing use on site.
6. Assessment & Certification	Practical, scenario, and knowledge assessments; handover readiness to public responders.	NPM Certificate of Completion and assessment records.