ISO 22000 Lead Implementer FSMS Training Course

19 – 23 September 2027
Riyadh

AGILE LEADERS
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Overview

Food processing enterprises and ingredient suppliers face stringent hygiene demands, biological risks, and intricate supply network dependencies. The ISO 22000 Lead Implementer FSMS Training Course provides technical guidance for project leads, food technologists, and consultants tasked with building food chain defense architectures from the ground up. Participants master the translation of international FSMS specifications into robust facility hygiene prerequisites, hazard analysis blueprints, and critical control point tracking routines. Through hands-on planning methods, participants learn how to steer deployment roadmaps, calibrate monitoring regimes, and prepare food processing plants for formal registrar evaluations. This course is delivered by Agile Leaders Training Center.

Who Should Attend

- Food quality controllers and technical specialists heading FSMS deployment initiatives.
- External advisors and industry consultants designing HACCP and hygiene frameworks for agribusinesses.
- Production floor coordinators and processing supervisors governing prerequisite control points.
- Hygiene officers and supply chain facilitators structuring traceability and withdrawal mechanisms.
- Operations directors seeking structured blueprints to align enterprise practices with global food chain standards.

Departments and Industries

This syllabus provides direct value to technical teams steering facility hygiene, packaging safety, and food product integrity.

- Primary processing, industrial canning, beverage bottling, and grain milling facilities
- Food packaging fabrication and contact-material manufacturing units
- Hospitality catering hubs, centralized kitchens, and food distribution depots
- Cold storage logistics providers and temperature-controlled freight operators
- Corporate quality engineering and regulatory readiness departments

Learning Objectives

By the end of this course, participants will be able to:

- Formulate a complete FSMS implementation charter with defined milestones, resources, and risk barriers.
- Establish baseline prerequisite programmes tailored to facility layout, air quality, water supply, and sanitation.
- Execute systematic hazard identification for microbiological, chemical, physical, and allergen threats.
- Distinguish between operational prerequisite programmes and critical control points using decision trees.
- Construct end-to-end product traceability systems capable of executing rapid mock recall exercises.
- Establish performance measurement criteria, nonconforming lot containment, and corrective workflows.
- Prepare the facility and cross-functional teams for successful Stage 1 and Stage 2 third-party registrar assessments.

Course Agenda

Day 1: FSMS Initiation and Scoping Architecture

- Interpreting standard architecture through the lens of a lead implementer
- Contextual analysis of external suppliers, consumer expectations, and statutory food legislation
- Delineating FSMS project boundaries across manufacturing lines and multi-site facilities
- Securing executive sponsorship and establishing cross-departmental food safety teams
- Formulating the food policy charter and cascading measurable quality metrics to floor operations

Day 2: Prerequisite Programmes and Environmental Hygiene Controls

- Selecting appropriate sector-specific prerequisite standards across processing environments
- Designing infrastructure safeguards: facility layout, zoning segregation, and cross-contamination barriers
- Structuring utility controls covering process water, steam, compressed air, and ventilation lines
- Formulating cleaning, sanitation, and integrated pest management schedules
- Drafting vendor appraisal rules, ingredient acceptance criteria, and incoming raw material checks

Day 3: Hazard Analysis, CCPs, and OPRP Plan Formulation

- Conducting raw material and process step hazard identification across biological and chemical risks
- Applying risk assessment matrices to evaluate severity and likelihood of potential contamination
- Utilizing decision trees to classify operational prerequisite programmes versus critical control points
- Establishing measurable critical limits, monitoring frequencies, and automated surveillance protocols
- Documenting HACCP plans and defining immediate correction actions for out-of-control scenarios

Day 4: Operational Traceability, Crisis Management, and Control of Outputs

- Engineering batch coding, material balance tracking, and bi-directional traceability frameworks
- Developing simulated withdrawal protocols and crisis response communication trees
- Handling out-of-specification batches: quarantine protocols, disposition rules, and product release gating
- Designing calibration schedules for critical monitoring equipment, thermal sensors, and metal detectors
- Documenting standard operating instructions and managing version-controlled procedures

Day 5: Verification, Continuous FSMS Refinement, and Registrar Preparedness

- Establishing periodic verification protocols for PRPs, cleaning swabs, and pathogen sampling plans
- Structuring internal oversight mechanisms and coordinating executive review agendas
- Addressing non-conformities using root cause analysis tools and corrective workflows
- Conducting comprehensive pre-assessment gap analyses against registrar expectations
- Finalizing the organizational roadmap for certification assessment and long-term FSMS maturity

Practical Exercises

Participants complete hands-on activities to resolve real-world food production challenges and formulate actionable project tools.

- Construct a comprehensive FSMS project charter detailing work breakdown structures and technical resource allocations.
- Perform a site zoning analysis to eliminate allergen cross-contact and biological transfer vectors.
- Complete a hazard determination matrix and decision tree for a commercial food processing line.
- Draft a rapid product recall and quarantine drill procedure based on a simulated contamination scenario.

FAQs

How does this course differ from an auditor training course?

Auditor courses focus on evaluating evidence, conducting interviews, and reporting nonconformities against criteria. This program focuses entirely on implementation: building the policies, establishing prerequisite programs, calculating hazard controls, creating documentation, and leading organizational transformation prior to external evaluation.

What prior background is beneficial before attending this program?

Familiarity with basic food hygiene, quality control procedures, or production line processing is helpful. No formal technical accreditation is mandatory, as foundational standard terminology is clarified during the initial modules.

What deliverables do participants build during the week?

Participants create usable templates including an FSMS implementation roadmap, hazard identification worksheets, OPRP and CCP decision trees, mock recall protocols, and pre-assessment gap analysis registers.

Conclusion

Deploying a resilient food safety management architecture safeguards consumers, strengthens supply chain partnerships, and satisfies rigorous regulatory benchmarks. Participants leave this course with the practical tools, technical confidence, and operational blueprints needed to establish, operate, and maintain an exemplary FSMS across their facilities.