

COURSE CONTENT OVERVIEW

Level 3 HACCP for Manufacturing



Food safety management is a fundamental requirement for all food businesses. In fact, the European Union Regulation (EC) No 854/2004 requires all food businesses to put in place food safety procedures based on the principles of HACCP. This enables you to ensure that the food you produce is safe for customers to eat and helps you to comply with food hygiene laws.

This Level 3 HACCP course is designed for managers and supervisors of manufacturing businesses that are responsible for planning and maintaining the HACCP system and enforcing best practice in the workplace. The course will help learners understand how to plan and implement a successful HACCP system, including how to identify significant hazards and critical control points, devise critical limits and validate and verify the HACCP plan.

Module 1: Introduction to HACCP

This module introduces the idea of food safety management systems and provides definitions for the key terms associated with HACCP. It also looks into why HACCP is important and how it will benefit your food business.

- What is a food management system?
- Key terms
- What is HACCP?
- Benefits of HACCP
- Why is HACCP important?

Module 2: HACCP, the Law and Industry Standards

This module reminds you of the food safety laws that are in place which your food business must comply with, including those related to HACCP and staff training. It also looks at how these laws are enforced, what is meant by a due diligence defence and alternative food safety management systems that are based on the principles of HACCP.

- Food safety legislation
- Training requirements
- Enforcing the law
- Due diligence
- Should I use HACCP?
- SALSA
- BRCGS
- ISO 9001:2015 and ISO 22000:2005
- IFS

Module 3: Food Safety Hazards

This module looks at three of the four main types of contamination: physical, chemical and allergenic. It provides information on each of these, including how contamination can occur and control measures you can take in order to prevent contamination.

- How contamination applies to HACCP
- Physical hazards
- Chemical hazards
- Allergenic hazards

Module 4: Microbiological Hazards

This module focuses on the fourth main type of contamination: microbiological. It explains the microbiological food safety hazards that are present in your premises and how you can effectively manage them.

- Microbiological contamination
- Toxins and bacterial spores
- Food-borne diseases
- Pathogenic bacteria
- Food spoilage
- Viral contamination
- The top 10 causes of food poisoning
- High and low-risk foods
- Food preservation
- Bacteria growth - atmosphere
- ATP hygiene monitoring tests

Module 5: Prerequisite Programmes - Part 1

This module explains what is meant by a HACCP prerequisite, and details the first few examples of prerequisites that your food business should have in place before implementing your HACCP system.

- Examples of prerequisites
- Assessing prerequisites
- Employee training
- Potable water
- Approved suppliers
- Pest control and prevention

Module 6: Prerequisite Programmes - Part 2

This module continues explaining what is meant by a HACCP prerequisite, and explains more examples of prerequisites that should be in place before the HACCP system is implemented.

- Supervising personal hygiene and cleaning
- Premises design and waste management
- Stock rotation and food storage
- Packing and food contact materials
- Complaints management
- Glass and hard plastics management

Module 7: Planning and Creating the HACCP System

This module looks at what needs to be considered when planning to implement a HACCP system, including how to create a HACCP plan. It also introduces the 7 principles of HACCP and details the steps that should be taken before principle 1 can be implemented.

- Preparing for HACCP
- Project management
- Creating a HACCP plan
- HACCP success vs failure
- The 7 principles
- A risk-based approach
- TACCP and VACCP
- Step 1: Creating the HACCP team
- Step 2: Describing the products and ingredients
- Step 3: Identifying the product's uses and consumers
- Step 4: Constructing a flow chart
- Step 5: Confirming the flow chart in the premises

Module 8: Principle 1 - Hazard Analysis

This module looks at the first HACCP principle and outlines the 3-step approach to hazard analysis to help you learn how to identify the significant hazards in your workplace that need to be controlled within the HACCP system.

- What is hazard analysis?
- The 3-step approach
- Hazard analysis documentation
- Conducting a hazard analysis
- Prerequisites or HACCP?
- Useful contacts
- Claims
- Manufacturing schedules

Module 9: Principle 2 - Critical Control Points

This module explains how to determine when a significant hazard in your food business becomes a critical control point that needs immediate attention should something go wrong. It also outlines how to use a decision tree to help you make this judgement.

- What is a control measure?
- What is a critical control point?
- Overusing CPPs
- Decision trees
- The Codex Alimentarius decision tree
- Cooking instructions

Module 10: Principle 3 - Critical Limits

This module looks at what to consider when setting critical limits for your identified critical control points in order to ensure that the potential hazards remain under control.

- What is a critical limit?
- Critical limit criteria
- Examples of critical limits
- Setting critical limits

Module 11: Principle 4 - Monitoring Critical Control Points

This module explains why it's necessary to keep an eye on the food safety hazards and closely monitor your critical control points. It also outlines the different methods for monitoring and looks at what should be included in monitoring documentation.

- What is monitoring?
- Effective monitoring
- Calibration
- Frequency of monitoring
- The monitoring plan

Module 12: Principle 5 - Corrective Action

This module looks at the corrective action procedures your business should implement so that you can quickly and effectively deal with any contaminated food products.

- What is corrective action?
- Corrective action procedures
- Product recalls
- Types of recalls
- The 10 steps of recall
- Root cause analysis
- 5 whys

Module 13: Principle 6 - Verification of the HACCP System

This module outlines why it's important to regularly review the HACCP plan and verify that the HACCP system continues to work effectively. It also looks at some of the key techniques used when validating, verifying, reviewing and auditing the HACCP system.

- Validation
- Verification
- Why is verification important?
- Reviewing the HACCP plan
- Benefits of reviewing HACCP
- Allergen mitigation testing
- Thermal process validation
- Verifying the effectiveness of corrective action
- Internal auditing

Module 14: Principle 7 - Documentation

This module looks at the final principle of HACCP and explains the necessity of keeping accurate and regular records, as well as the importance of keeping the HACCP team well trained and up to date.

- Record keeping and maintaining documentation
- Summary of documentation for the 7 principles
- Maintaining the HACCP team
- Data analysis
- Complaints management
- Traceability

Module 15: Implementing the HACCP System

This module provides guidance on how to implement the HACCP system across the whole workplace and ensure it becomes a fundamental part of your food production process. This includes ensuring staff members are educated and aware of their roles and responsibilities.

- Implementing HACCP
- Continuous improvement of current systems
- Toolkit
- Implementation methods
- HACCP training
- Making HACCP visible
- Confirming completion

Aims of the training

By the end of this course, learners will:

- Understand why a HACCP food safety management system is important and beneficial.
- Understand food hygiene law and the different food safety management systems that can be chosen.
- Know how to plan and implement a successful HACCP system and avoid the common pitfalls.
- Understand the importance of having effective prerequisite programmes in place.
- Be confident in their knowledge of the 7 principles of HACCP and the 12 step process.
- Know how to conduct a hazard analysis and identify critical control points.
- Understand the significance of critical limits and corrective action and know why these need to be carefully monitored.
- Know how to validate and verify the HACCP plan and understand the importance of keeping documentation.