

Our comprehensive SQF Storage and Distribution Food Safety Management System package contains everything you will need to achieve SQF Certification.

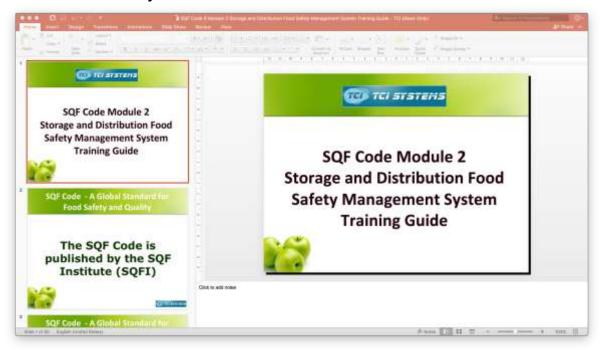
We include a workbook to assist in the implementation of your SQF Food Safety Management System. The workbook is divided into 8 steps that are designed to assist you in implementing your food safety management system effectively:

- ✓ Step One: Introduction to the SQF Code Presentations
- ✓ Step Two: Assessment your Food Safety Management System
- ✓ Step Three: Senior Management Implementation
- ✓ Step Four: Food Safety Management System
- ✓ Step Five: Training
- ✓ Step Six: Project SQF Implementation
- ✓ Step Seven: Internal Auditing & Checklists
- ✓ Step Eight: Final Steps to SQF Certification

Step One: Introduction to SQF Code

We have two provided illustrated PowerPoint training module presentations to introduce the SQF Code to the management team and explain how to start the process of implementing an SQF compliant Food Safety Management System.

Module 2: SQF System Elements



Module 12: Food Safety Fundamentals - Good Distribution Practices for Transport and Distribution of Food Products



Step Two: Assessment of your current Food Safety Management System

At this stage, an assessment should be made by the most senior technical member of the management team to decide if current systems meet the requirements of Module 2: SQF System Elements and Module 12: Food Safety Fundamentals - Good Distribution Practices for Transport and Distribution of Food Products of the SQF Code. The nominated manager should read through the requirements in Module 2: SQF System Elements and Module 12 of the SQF Code and assess for compliance using the checklist below to record their findings.

	SQF CODE							
	Module 2: SQF System Elements							
Module 2: SQF System Elements		Compliant		Comments				
Clause	Title	Yes	No	Comments				
2.1	Management Commitment							
2.1.1	Food Safety Policy (Mandatory)							
2.1.2	Management Responsibility (Mandatory)							
2.1.3	Management Review (Mandatory)							
2.1.4	Complaint Management (Mandatory)							
2.1.5	Crisis Management Planning							
2.2	Document Control and Records		·					
2.2.1	Food Safety Management System (Mandatory)							
2.2.2	Document Control (Mandatory)							
2.2.3	Records (Mandatory)							

Step 2: Corrective Actions from Assessment of the Food Safety Management System

The non-compliances identified in the assessment of compliance with the Module 2: SQF System Elements and Module 12: Food Safety Fundamentals Good Distribution Practices for Transport and Distribution of Food Products should be logged using the form below and used as input for Step Three: Senior Management Implementation. In Step 3 the appropriate corrective action should be allocated by the Senior Management Team and a corrective action plan formulated.

Date	SQF Code Clause	Details of Non- Conformance	Identified by:	Corrective Action Required	Responsibility	Target completion Date	Date Completed

Step Three: Senior Management Implementation

A Senior Management Implementation checklist is provided that establishes your Food Safety Management System fundamentals including Food Safety Policies and Objectives.

The checklist guides Senior Management:

- ✓ in planning the establishment of the FSMS
- ✓ in providing adequate support to establish the FSMS
- ✓ in ensuring there is adequate infrastructure and work environment
- ✓ in allocating responsibility and authority

This stage requires the Senior Management to meet and establish the foundations for the Food Safety Management System:

- ✓ Formulating a checklist of Customer, Regulatory, Statutory and other relevant Food Safety requirements
- ✓ Decide which Food Safety requirements the company should address and develop relevant policies.
- ✓ Based on the Food Safety Policy Management Policies establish Food Safety Objectives
- ✓ Define the scope and boundaries of the FSMS
- ✓ Plan the establishment of the FSMS using the project planner
- ✓ Provide adequate support to establish the FSMS
- ✓ Ensure there is adequate infrastructure and work environment
- ✓ Allocate responsibility and authority
- ✓ Assess, plan and establish appropriate internal and external communication (including the food chain) channels

A meeting should now be co-ordinated involving all the Senior Management Team.

Senior Management FSMS Implementation Meeting

Date/Time

Venue

<u>Agenda</u>

- 1. Formulating a checklist of Customer, Regulatory, Statutory and other relevant Food Safety requirements
- 2. Decide which Food Safety requirements the company should address and develop relevant policies.
- 3. Based on the Food Safety Policy Management Policies establish Food Safety Objectives
- 4. Define the scope and boundaries of the FSMS
- 5. Plan the establishment of the FSMS using the project planner
- 6. Provide adequate support to establish the FSMS
- 7. Ensure there is adequate infrastructure and work environment
- 8. Allocate responsibility and authority
- 9. Assess, plan and establish appropriate internal and external communication (including the food chain) channels

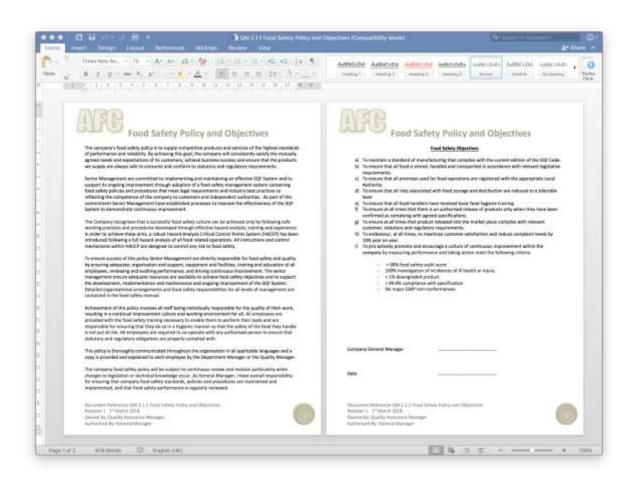
Attendees:

Senior Management Team					
Job Title	Name	Role in Team			
General Manager		Chairman			
Operations Manager		Deputy Chair			
Warehouse Manager		Warehouse/Storage Reporting			
Quality Assurance Manager		Food Safety Reporting SQF Practitioner			
Planning Manager		Planning and Capacity Reporting			
Distribution Manager		Distribution Reporting			
Maintenance Manager		Services and Engineering Provision			
Finance Manager		Financial Reporting			
Human Resources Manager		Resource reporting			

The outputs from this meeting will be:

- √ Food Safety Policy
- √ Food Safety Objectives
- ✓ Defined Scope
- ✓ A Developed Project Planner
- ✓ Support Plan for Implementation/Training
- ✓ Plans for Infrastructure/Work Environment
- ✓ Allocation of Responsibility/Authority including the appointment of an SQF Practitioner
- ✓ Defined Communication Channels

Senior Management can choose/adapt the templates supplied with the system to assist in documenting policies and objectives:



Key Personnel and Nominated Deputies

Job Title	Job Holder	Nominated Deputy
Emergency Response Coordinator		
Food Safety Team Leader		
Management Representative		
General Manager		
Operations Manager		
Production Manager		
Warehouse Manager		
Maintenance Manager		
Factory Safety Manager		
Human Resource Manager		
Quality Manager		
Production Supervisor		
Packing Manager		
Quality Assurance Manager		
Planning Manager		
Goods Receipt Manager		
Design and Development Manager		
Planning Manager		
Customer Service Manager		
Laboratory Manager		
Distribution Manager		
Project Manager		

Senior Management Establish Food Safety Responsibility & Authority Levels

Process	Responsible Persons	Activity
Purchases	Purchasing	Purchase materials from approved and certified
	Manager	sources
		Ensure purchase orders comply with applicable
		specifications
	Quality	Ensure adequate information on supply application
	Assurance	form
	Manager	Ensure suppliers adhere to supply handling
		practices
		Perform suppliers audit or review supply status
		where necessary
Receiving and	QA/QC &	Compare PO and DN or check contracts as per
warehousing	Store	Suppliers Specifications criteria (if applicable)
	Executives	Check receiving temperature, pest infestations,
		quality, packing conditions and truck hygiene.
		Observe unloading practices
		Handle incoming goods as per documented
		procedures Ensure Good Storage Practices and FIFO rotation
		principles
Preparation of	QA/QC,	Follow safe food handling practices
Materials	Operations	Check environmental hygiene and safety
TVICE I COS	Manager &	Check equipment performance and maintenance
	Operations	Check water quality and safety
	Executive	Check materials identification and traceability
Operations	QC/QC,	Maintain products and characteristics
	Operations	Do not modify products prior to approval from top
	Manager,	management
	Supervisor	Follow safe food handling practices
	& Operators	Ensure Good Storage and Handling Practices are
		adhered to
		Follow cleaning and sanitation standards and
		procedures
		Follow the handling standards of processed foods
Coding and	Operations	Ensure food in primary packaging are hygienically

Senior Management Establish Food Safety Responsibility & Authority Levels

Process	Responsible Persons	Activity

Senior Management establish Communication Channels

Senior Management must establish and document clear levels of communication for suppliers, contractors, customers, food authorities and staff within the food safety quality management system. Detailed communication arrangements and food safety communication responsibilities for all levels of management should contained in the food safety and quality manual. The communication procedures should apply to all members of staff, both full time and temporary.

The Food Safety Team Leader/SQF Practitioner should be responsible for and authorised for external communication and liaison regarding the food safety management system. This responsibility for communication extends to ensuring there is sufficient information relating to food safety throughout the food chain. This communication includes documented agreements, contracts, specifications, product information, food safety leaflets, allergen advice and reports.

The Food Safety Team Leader/SQF Practitioner should be responsible for managing all customer, statutory and regulatory documents applicable to the business including:

- Food Regulations
- National/International Standards
- Customer Codes of Practice

The organisation should have a system in place through the Industry Federation to ensure that it is kept informed of all relevant legislation, food safety issues, legislative scientific and Quality Assurance developments and Industry Codes of Practice applicable in the country of production and, where known, the country where the product will be sold.

Suppliers and Contractor Communication

Several streams of communication can occur with suppliers and contractors, including marketing, sales, development and quality assurance. All new arrangements, products and suppliers should be subject to the supplier approval procedure and must be officially approved by the Food Safety Team Leader/SQF Practitioner who should ensure that this is effectively communicated and documented.

The following additional key information should be communicated promptly to the food safety team so that they can ensure the information is included in updating the food safety management system where appropriate:

- Results of Inspections by Regulatory Authorities and any changes in regulatory requirements
- New information regarding Food Safety Hazards and Control Measures
- Food Safety Issues and Health Hazards associated with the product
- Anything else considered likely to have an impact on food safety

By communicating effectively with all employees all employees will be able to contribute to the effectiveness of the Food Safety Quality Management System.

Senior management assess plan and establish appropriate internal and external communication (including the food chain) channels					
Communication required	Details	Responsibility			

Step Four: Food Safety Management System

Our Food Safety Management System contains a comprehensive SQF Code documentation package.

At this stage, you can choose to totally implement the procedures supplied or pick those that are applicable to your process.

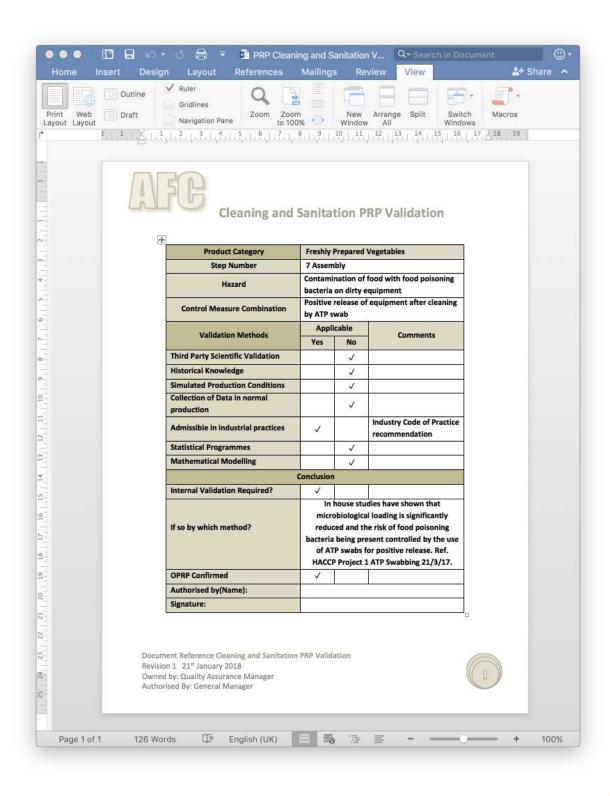
The Food Safety Manual contains comprehensive top level procedures templates that form the foundations of your Food Safety Management System so you don't have to spend 1,000's of hours writing compliant procedures:

<u>Food Safety Management System Procedures Part 1 Module 2: SQF System Elements</u>

- QM 2.1.1 Food Safety Policy and Objectives
- QM 2.1.2 Responsibility Authority and Communication
- QM 2.1.2A Appendix Organizational Chart
- QM 2.1.2B Appendix Job Descriptions
- QM 2.1.3 Management Review
- QM 2.1.4 Customer Complaint Handling
- QM 2.1.5 Crisis Management Planning
- QM 2.2.1 Food Safety Management System
- QM 2.2.2 Document Control
- QM 2.2.3 Record Control
- QM 2.3.1 Product Control
- QM 2.3.2 Incoming Supplies
- QM 2.3.3 Contract Services
- QM 2.3.4 Contract Third Party Storage or Distribution
- QM 2.4.1 Food Legislation
- QM 2.4.2 Good Storage and Distribution Practices
- QM 2.4.3 Food Safety Plan
- QM 2.4.4 Approved Suppliers
- QM 2.4.5 Control of Non-Conforming Product or Equipment
- QM 2.4.6 Product Recoup
- QM 2.4.7 Product Release
- QM 2.5.1 Validation and Effectiveness
- QM 2.5.2 Verification Activities
- QM 2.5.3 Corrective and Preventative Action
- QM 2.5.4 Product Sampling

Food Safety Management System Validation Records

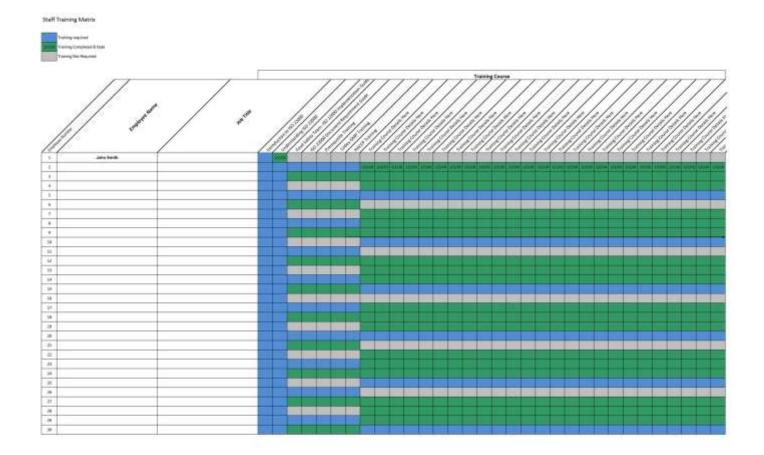
A set of example validation records.



Step Five: Training

A significant part of the implementation process is training. Job Descriptions should be available for all staff and they should be briefed and aware of their food safety responsibilities.

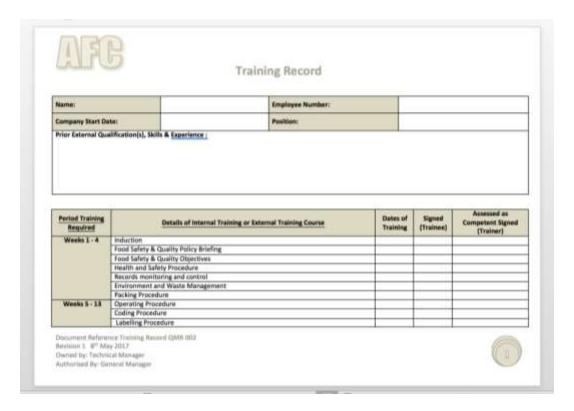
A training matrix and plans should be drawn up for all staff and the relevant training given based on responsibility and authority.



We have provided a Staff Training Matrix Template in Microsoft Excel Format.

For each employee and individual training record should be completed. QMR 002 Training Record is provided in the documentation pack as a template:

QMR 002 Training Record



Basic SQF Code Training should be given to all staff and also include:

- √ Job/Task Performance
- ✓ Company Safety and Quality Policies and Procedures
- √ Good Manufacturing Practices
- ✓ Cleaning and Sanitation procedures
- ✓ HACCP
- ✓ Bio security and Food Defense
- ✓ Product Quality and Grading
- ✓ Chemical Control
- ✓ Hazard Communication
- ✓ Blood borne Pathogen
- √ Emergency Preparedness
- ✓ Employee Safety
- ✓ Safety Regulatory Requirements/Quality Regulatory Requirements

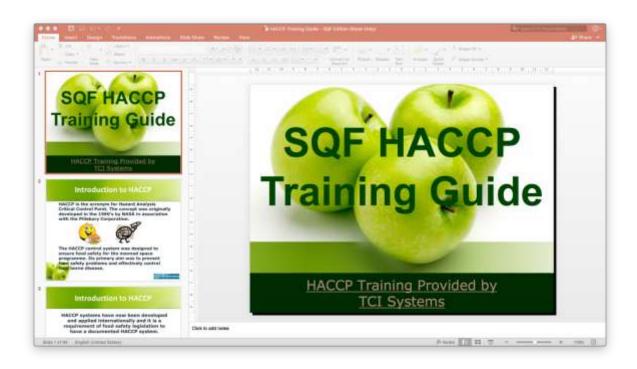
Remember all food handlers should have Basic Food Hygiene Training

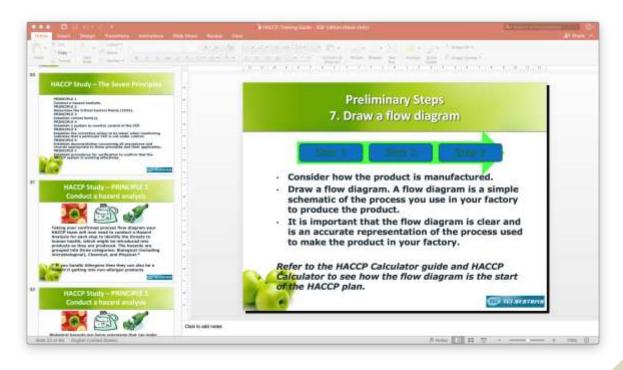
The Food Safety Team should receive extra training:

- ✓ Internal Audit Training
- ✓ HACCP Training

HACCP Training

An interactive and illustrated PowerPoint HACCP training presentation is supplied to train your food safety team in the preliminary steps to a Hazard analysis, the principles of HACCP and how to utilise the HACCP Manual documents in implementing your HACCP system.





Step Six: Project SQF Implementation

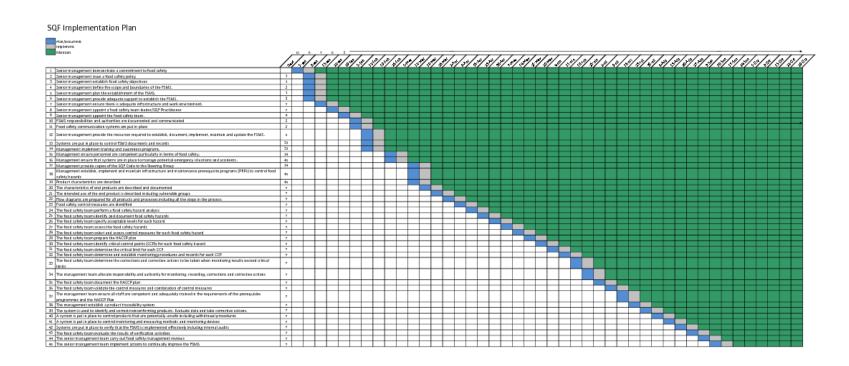
This contains all the project tools you will need to achieve SQF certification. In this part of the package you will find:

- ✓ Steering Group are established and briefed
- ✓ The Steering Group take control of the Project Plan established by Senior Management

Food Safety Management System Steering Group						
FSMS Team Member	Name	Position	Qualification			
FSMS Team Leader						
FSMS Assistant Leader						
FSMS Team Members						

Project Plan

The Steering Group use the Excel Project Plan developed by Senior Management as a step by step guide to implementing the Food Safety Management System.



	Project Planning Tasks	Responsibility	Comments	Due Date for Completion	Date Completed
1)	Senior management demonstrate a commitment to food safety	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
2)	Senior management issue a food safety policy	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
3)	Senior management establish food safety objectives	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
4)	Senior management define the scope and boundaries of the FSMS.	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
5)	Senior management plan the establishment of the FSMS.	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
6)	Senior management provide adequate support to establish the FSMS.	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
7)	Senior management ensure there is adequate infrastructure and work environment.	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
8)	Senior management appoint a food safety team leader/SQF Practitioner	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
9)	Senior management appoint the food safety team.	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
10)	FSMS responsibilities and authorities are documented and communicated	Senior Management Team	Completed in Step 3	10/1/18	9/1/18
11)	Food safety communication systems are put in place	Senior Management Team	Completed in Step 3	10/1/18	9/1/18

<u>Project Task 18 Management establish, implement and maintain prerequisite programs (PRPs) to control food safety hazards</u>

SQF Code requires Prerequisite Programmes to be in place to control food safety hazards:

- 12.1 Site Location and Construction
- 12.1.1 Premises Location and Approval
- 12.2 Construction of Premises and Equipment
- 12.2.1 Materials and Surfaces
- 12.2.2 Floors, Drains and Waste Traps
- 12.2.3 Walls, Partitions, Doors and Ceilings
- 12.2.4 Lighting and Light Fittings
- 12.2.5 Dust, Insect and Pest Proofing
- 12.2.6 Ventilation
- 12.2.7 Equipment, Utensils and Protective Clothing
- 12.2.8 Premises and Equipment Maintenance
- 12.2.9 Calibration
- 12.2.10 Pest Prevention
- 12.2.11 Cleaning and Sanitation
- 12.3 Personnel Hygiene and Welfare
- 12.3.1 Personnel
- 12.3.2 Hand Washing
- 12.3.3 Clothing
- 12.3.4 Jewelry and Personal Effects
- 12.3.5 Visitors
- 12.3.6 Staff Amenities
- 12.3.7 Change Rooms
- 12.3.8 Sanitary Facilities
- 12.3.9 Lunch Rooms
- 12.4 Personnel Processing Practices
- 12.4.1 Staff Engaged in Food Handling and Repack/Recoup Operations
- 12.5 Water, Ice and Air Supply
- 12.5.1 Water Supply
- 12.5.2 Monitoring Water Microbiology and Quality
- 12.5.3 Water Delivery
- 12.5.4 Ice Supply
- 12.5.5 Analysis
- 12.5.6 The Quality of Air and Other Gases
- 12.6 Storage and Transport
- 12.6.1 Storage and Handling of Goods
- 12.6.2 Cold Storage, Freezing and Chilling of Foods

Project Tasks 19 – 36

Project Tasks 19 – 36 are to be completed by the Food Safety Team. Guidelines for these tasks are included in our HACCP Implementation Section.

19)	Product characteristics are described
20)	The characteristics of end products are described and documented
21)	The intended use of the end product is described including vulnerable groups
22)	Flow diagrams are prepared for all products and processes including all the steps in the process
23)	Food safety control measures are identified
24)	The food safety team perform a food safety hazard analysis
25)	The food safety team identify and document food safety hazards
26)	The food safety team specify acceptable levels for each hazard
27)	The food safety team assess the food safety hazards
28)	The food safety team select and assess control measures for each food safety hazard
29)	The food safety team prepare the HACCP plan
30)	The food safety team identify critical control points (CCP)s for each food safety hazard
31)	The food safety team determine the critical limit for each CCP
32)	The food safety team determine and establish monitoring procedures and records for each CCP
33)	The food safety team determine the corrections and corrective actions to be taken when monitoring results exceed critical
	limits
34)	The management team allocate responsibility and authority for monitoring, recording, corrections and corrective actions
35)	The food safety team document the HACCP plan
36)	The food safety team validate the control measures and combination of control measures

HACCP Implementation Guide

We will now go through a step by step guide to implementing your HACCP using our HACCP Manual documents and instructions.

<u>Tasks 19 - 21</u>

All materials, product-contact materials and the characteristics of products should be described in documents to the extent needed to conduct the hazard analysis.

Specifications should include sufficient detail for the identification and assessment of food safety hazards. For each item the specification should include:

- Biological, chemical and physical characteristics
- Composition of formulated ingredients including additives and processing aids
- Origin
- Method of production
- Delivery method
- Storage conditions/requirements
- Details of packaging
- Preparation and/or handling
- Food Safety Acceptance criteria
- Intended use

Use the templates provided in the HACCP Manual to assist you.

The food safety team should have available information on product characteristics, including legal food safety requirements, for the purpose of conducting the Hazard Analysis. The product description or specification may include:

- Product name
- Composition
- What will the purchaser will do with it
- Details of the packaging
- How the product is processed or manufactured
- Chemical characteristics relevant for food safety
- Biological characteristics relevant for food safety
- Physical characteristics relevant for food safety

Task 27 The food safety team assess the food safety hazards

Each potential food safety hazard should now be risk assessed by the Food Safety Team to determine whether its elimination or reduction to acceptable levels is required to produce a safe product and also any controls required to achieve the acceptable levels.

For each step grades of impact (severity of adverse health effects) and probability (likelihood of a food safety hazard occurring) need to be allotted and the combined matrix used to judge the severity and priority for elimination or minimisation of the hazard.

The Food Safety Team should identify the hazards that need to be prevented, eliminated or reduced to acceptable levels.

The Food Safety Team need to consider the probability of the hazard occurring, the severity of the hazard on the consumer, the vulnerability of the targeted consumer, the survival and multiplication of any biological hazards and any likely toxin production, the presence of chemicals or foreign bodies, contamination at any stage in the process and possible deliberate contamination or adulteration. This process is assisted using the worksheet Hazard Analysis:

Taking these factors into account a rating is given for probability and severity. Use the templates provided in the HACCP Manual to assist you:

			Proba	Severity	ignifi
Step Number	Step Name	Hazards Identified	Probability	erity	ignificance
1	Delivery of Ingredient A	Bone	1	3	3
1	Delivery of Ingredient A	Campylobacter spp.	2	3	6
1	Delivery of Ingredient A	Contamination with Bacteria from pests	3	3	9
1	Delivery of Ingredient A	Pesticides	3	1	3
1	Delivery of Ingredient A	Salmonella spp. (S. typhimurium, S. enteriditis)	3	3	9
1	Delivery of Ingredient A	Bacteria (spore-forming) General	2	2	4
1	Delivery of Ingredient A	Pest control chemicals	1	1	1

Task 35 The food safety team document the HACCP plan

The Food Safety Team should complete the relevant columns in the HACCP Plan Sheet:

Critical Limits	Monitoring Procedures	Corrective Action	Responsibility	HACCP Record
Minimum / Maximum acceptable levels to ensure condition is in control	 measurements to be taken (or observations) method of measurement devices used (including applicable calibration procedures) frequency of monitoring responsibility and authority for monitoring and evaluation of the monitoring results 	Action to be taken when outside of critical limits to regain control and ensure unsafe product is controlled	Who is taking the action	Where is it recorded

Control Measure Validation

Product Category				
Step Number				
Hazard				
Control Measure				
Validation Methods	Applicable		Comments	
	Yes	No	comments	
Third Party Scientific				
Validation				
Historical Knowledge				
Simulated Production				
Conditions				
Collection of Data in normal				
production				
Admissible in industrial				
practices				
Statistical Programmes				
Mathematical Modelling				
Conclusion				
Internal Validation Required?				
If so by which method?				
CCP Confirmed				
Authorised by(Name):				
Signature:				

The Food Safety Team should be informed in a timely manner of changes including the following:

- ✓ products or new products
- ✓ materials and services
- ✓ operating systems and equipment
- ✓ product handling premises, location of equipment, surrounding environment
- ✓ cleaning and sanitation programmes;
- ✓ packaging, storage and distribution systems
- ✓ personnel qualification levels and/or allocation of responsibilities and authorizations
- ✓ statutory and regulatory requirements
- ✓ knowledge regarding food safety hazards and control measures
- ✓ customer, sector and other requirements that the organization observes
- ✓ relevant enquiries from external interested parties
- ✓ complaints indicating food safety hazards associated with the product
- ✓ other conditions that have an impact on food safety.

Task 37 The management team ensure all staff are competent and adequately trained in the requirements of the prerequisite programmes and the HACCP Plan.

Now that the Good Storage and Distribution Practices and the HACCP Plan have been documented the Steering Group should develop a training plan to ensure that all personnel are trained in the appropriate procedures, limits, corrective actions, and record completion.

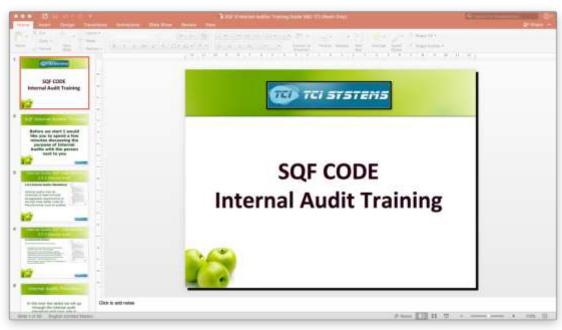
Step Seven: Internal Auditing & Checklists

Task 45 Systems are put in place to verify that the FSMS is implemented effectively including internal audits

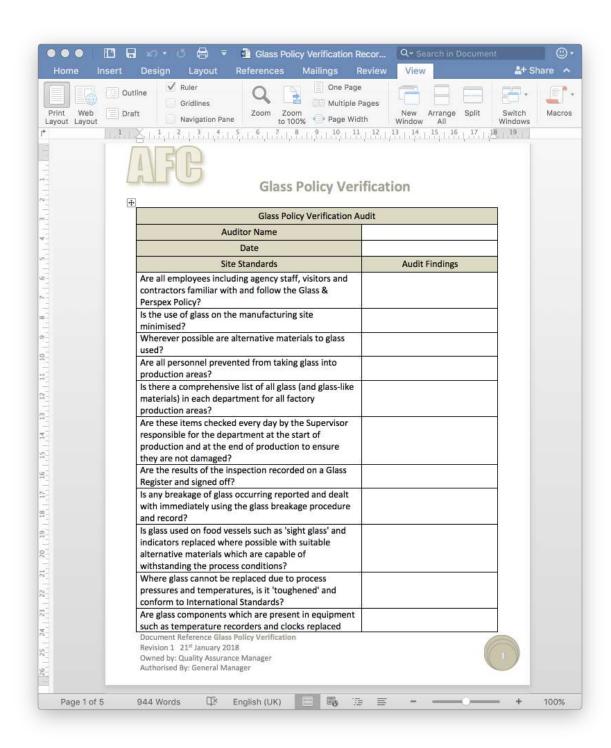
So firstly, make sure that your Internal Auditors are trained. At least one auditor should be a site expert and we recommend that they undertake a recognised Internal Auditor Course.

We have included two internal auditor training presentations for your team members:





Food Safety Management System Verification Records



Attendees:

Senior Management Team				
Job Title	Name	Role in Team		
General Manager		Chairman		
Operations Manager		Operations Reporting		
Warehouse Manager		Warehouse/Storage Reporting		
Quality Assurance Manager		Food Safety and Quality Reporting SQF Practitioner		
Planning Manager		Planning and Capacity Reporting		
Distribution Manager		Distribution Reporting		
Maintenance Manager		Services and Engineering Provision		
Finance Manager		Financial Reporting		
Human Resources Manager		Resource Reporting		

