

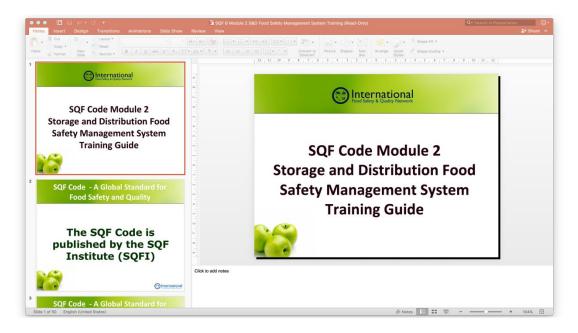
This workbook assists in the implementation of your SQF Food Safety Management System. The workbook is divided into 8 steps that are designed to assist you in implementing your food safety management system effectively:

- ✓ 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 and interactive 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: Good Distribution Practices for Storage 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: Good Distribution Practices for Storage and Distribution of Food Products of the SQF Code.

The nominated manager should read through the requirements in SQF System Elements and Module 12 of the SQF Code and assess for compliance using the checklist below to record their findings.

	SQF Food Safety Code: Storage and Distribution							
	System Elements							
	SQF System Elements Compliant							
Clause	Title	Yes	No	Comments				
	Management Commitment							
	2.1.1 Management Responsibility (Mandatory)							
	Food Safety Culture							
2.1	Food Safety Policy & Objectives (Mandatory)							
	2.1.2 Management Review (Mandatory)							
	2.1.3 Complaint Management (Mandatory)							

Senior Management FSMS Implementation Meeting

Date/Time

<u>Venue</u>

<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
- 10. Plan to establish a food safety culture

Attendees:

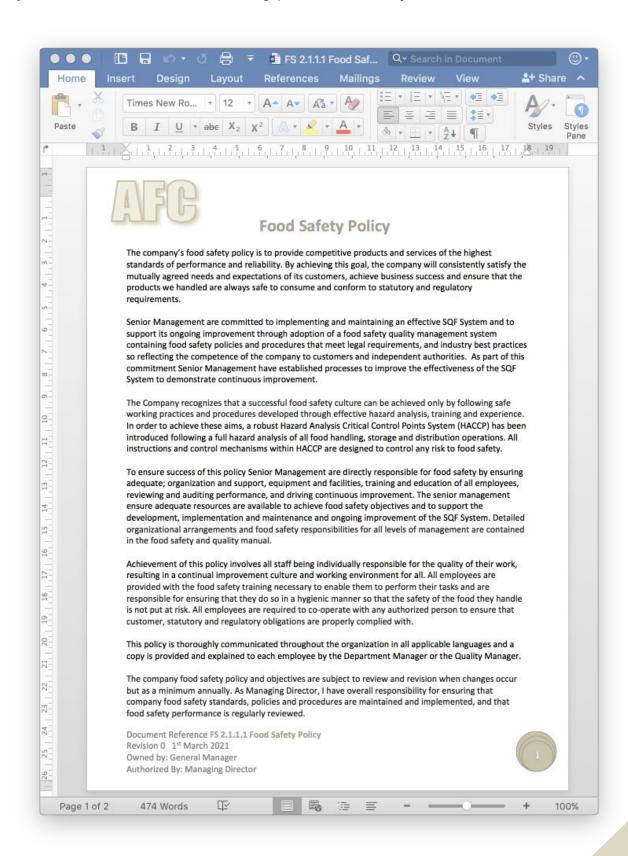
Senior Management Team				
Job Title	Name	Role in Team		
General Manager		Chairman		
Operations Manager		Deputy Chair		
Warehouse Manager		Warehouse/Storage Reporting		
Quality Manager		Food Safety Reporting SQF Practitioner		
Planning Manager		Planning and Capacity Reporting		
Distribution Manager	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

Senior Management FSMS Implementation Checklist

The Senior Management FSMS Implementation Meeting should follow the guidelines of the Senior Management Implementation Checklist:

	Senior management formulate a checklist of Customer, Regulatory, Statutory and other relevant Food Safety requirements				
	Customer/Regulatory/Statutory/Other	Record Details			
	XYZ Customer Requires this				
Action (i)	SQF Food Safety Code: Storage and Distribution Edition 9				
	Food Regulations				
	Senior Management decides which Food Safety requirements the company should address and develop relevant policies.				
	Requirement	Policy Details			
Action					
Action (ii)					

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



<u>Senior Management Define the Scope of the Food Safety Management System:</u>

The scope of the Food Safety Management System includes all product categories, processes and activities conducted on site. These requirements are aligned with the policies and objectives of the site and include those of the following standards:

Food Safety – SQF Code

Products and operations covered by the scope of the Food Safety Management System are:

Operations	Products

The scope of the Food Safety Management System includes all customer, statutory and regulatory documents applicable to the business:

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

The company has 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 technical developments and industry codes of practice applicable in the country of production and, where known, the country where the product will be sold. This information is used for reference and hazard analysis.

Where products or services are outsourced the organization assumes full control of this process.

Senior Management provide adequate support to establish the FSMS

Senior management establish and provide adequate support to establish the FSMS including the resource required to complete the implementation plan, establish, implement and maintain the Food Safety Management System, conduct Internal Audits and Monitor & Measure.

	Senior management provide adequate support to establish the FSMS				
	Resource requirement	Details			
	Food Safety Team Leader/SQF Practitioner (& Substitute SQF Practitioner)				
	Food Safety Team				
Action (vi)	FSMS Steering Group				
	Trainers				
	Internal Auditors				

Step Four: Food Safety Management System

The IFSQN 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.

There are 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:

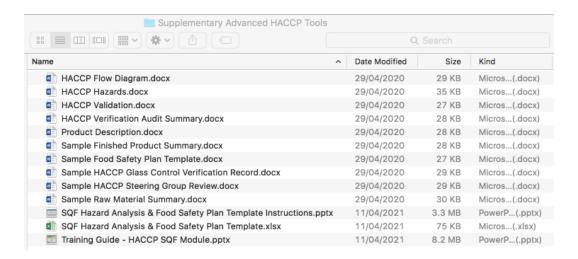
<u>Food Safety Management System Procedures Part 1 Module 2: SQF</u> System Elements

- FS 2.1 Management Commitment
- FS 2.1.1.1 Food Safety Policy
- FS 2.1.1.1A Appendix Food Safety Objectives
- FS 2.1.1.2 Food Safety Culture
- FS 2.1.1.2A Food Safety Culture Planning Matrix
- FS 2.1.1.3 Responsibility and Authority
- FS 2.1.1.3A Appendix Organizational Chart
- FS 2.1.1.3B Appendix Job Descriptions
- FS 2.1.2 Management Review
- FS 2.1.2R Management Review Record
- FS 2.1.3 Complaint Management
- FS 2.1.3A Annual Complaints Analyzer
- FS 2.1.3B Annual Complaints Analyzer Instruction
- FS 2.2.1 Food Packaging Safety Management System
- FS 2.2.2 Document Control
- FS 2.2.3 Record Control
- FS 2.3.1 Product Control
- FS 2.3.2 Supplier Approval & Incoming Supplies
- FS 2.3.2A Material Acceptance Record
- FS 2.3.3 Contract Services
- FS 2.3.4 Contract Third Party Storage or Distribution
- FS 2.4.1 Food Legislation
- FS 2.4.2 Good Storage and Distribution Practices
- FS 2.4.3 Food Safety Plans
- FS 2.4.3 Hazard Analysis Template
- FS 2.4.3 Hazard Assessment
- Supplementary Advanced HACCP Tools

Supplementary Advanced HACCP Tools

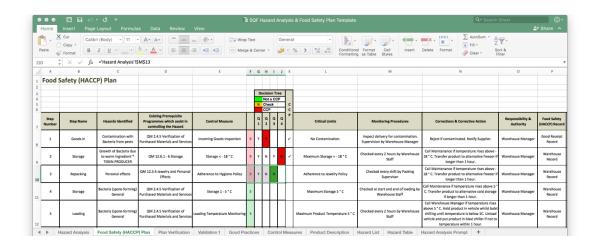
Supplementary Advanced HACCP Tools are included for Operations which require more detailed Hazard Analysis to compliment standard procedures included in the Food Safety Management System Documents:

- FS 2.4.3 Food Safety Plans
- FS 2.4.3 Hazard Analysis Template
- FS 2.4.3 Hazard Assessment



SQF Hazard Analysis & Food Safety Plan Template Instructions





Training Guide - HACCP SQF Module

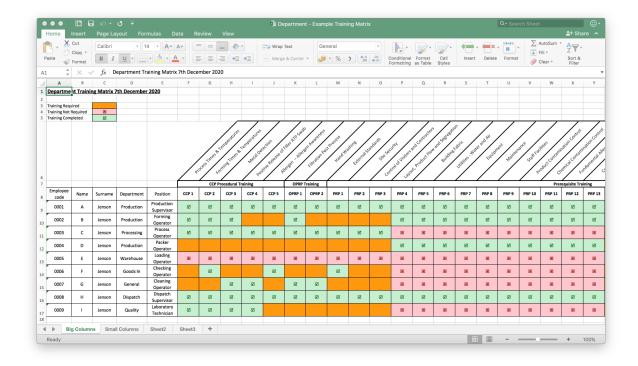
These PowerPoint HACCP training presentations can be used to train your Food Safety Team in the preliminary steps to a Hazard analysis, the principles of HACCP and how to utilize the HACCP Manual documents in implementing your HACCP system.



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.

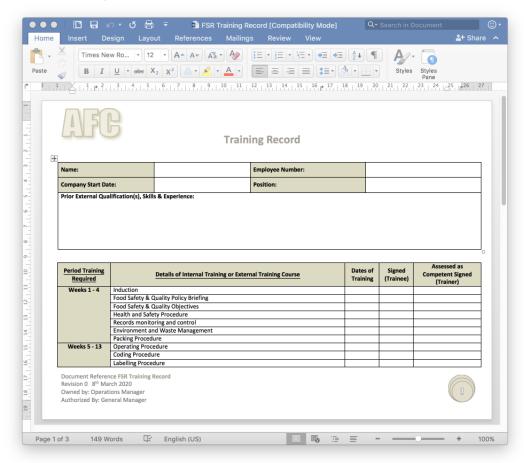
A training matrix and plans should be drawn up for all staff and the relevant training given based on responsibility and authority.



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

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

FSR 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

Step Six: Project SQF Implementation

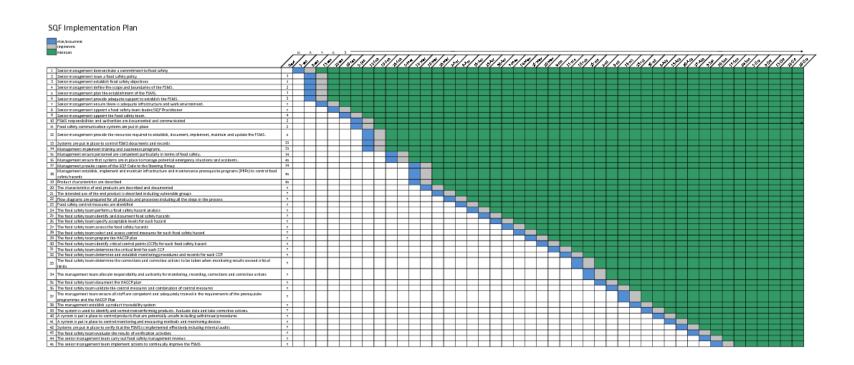
This contains all the project tools you will need to achieve SQF certification. In this part of the package you will find:

- ✓ 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	Step 3		
2)	Senior management issue a food safety policy and establish food safety objectives	Senior Management Team	Step 3		
3)	Senior management plan to establish a food safety culture	Senior Management Team	Step 3		
4)	Senior management define the scope and boundaries of the FSMS.	Senior Management Team	Step 3		
5)	Senior management plan the establishment of the FSMS.	Senior Management Team	Step 3		
6)	Senior management provide adequate support to establish the FSMS.	Senior Management Team	Step 3		
7)	Senior management ensure there is adequate infrastructure and work environment.	Senior Management Team	Step 3		
8)	Senior management appoint a food safety team leader/SQF Practitioner and substitute SQF Practitioner	Senior Management Team	Step 3		
9)	Senior management appoint the food safety team.	Senior Management Team	Step 3		
10)	FSMS responsibilities and authorities are documented and communicated	Senior Management Team	Step 3		

			Probability	Severity	Significance
Step Number	Step Name	Hazards Identified	bility	erity	cance
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

First, the Food Safety Team assesses the likelihood of the hazard occurring:

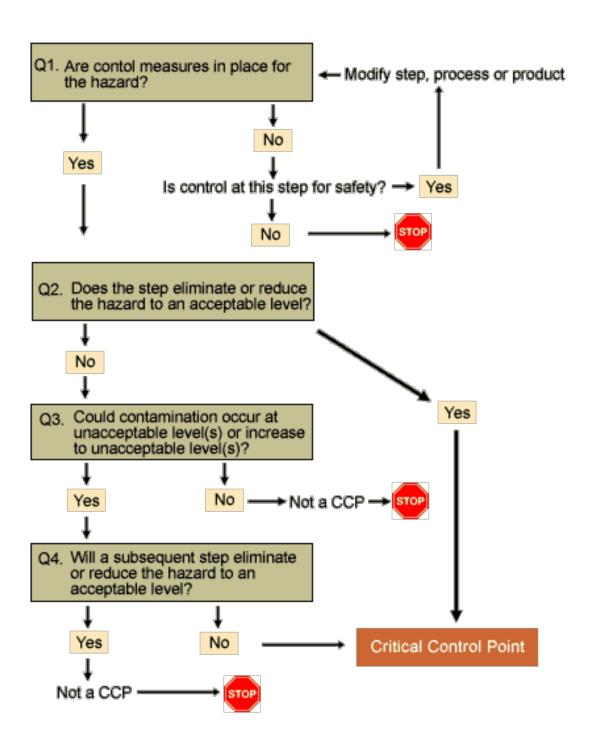
- 1 for Highly Unlikely
- 2 for Possible
- 3 for Likely

Then the Food Safety Team assesses the severity of the hazard:

- 1 for Not Severe
- 2 for Could possibly cause illness
- 3 for Severe (Could be fatal)

The Food Safety team should factor in 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 to the severity score to determine all the Significant Food Safety Hazards which score a 9 as highlighted in red.

All of the food safety hazards that score a 9 are regarded as significant and form the Significant Food Safety Hazard List.



Task 31 The food safety team determine the critical limit for each CCP

For each Critical Control Point the Food Safety Team should identify the appropriate control measure(s) and critical limits for each CCP monitoring procedure.

The critical limits should be specific for each Significant Hazard identified and where more than one food safety hazard has been identified at a CCP then critical limits should be established for both hazards and the most stringent limit applied.

Control Measures and Control Limits should be defined. They are often using guidance from the external approved documents including codes of practice and regulatory requirements. The Food Safety Team should justify and document how critical limit levels have been determined.

Critical Limits based on subjective data such as visual inspections should be supported by specific procedures, specifications, education/training and where applicable photographs.

Task 32 The food safety team determine and establish monitoring procedures and records for each CCP

The Food Safety Team should now establish monitoring procedures and records for each CCP to include all scheduled measurements (or observations) in relation to the critical limit.

The procedures and records should define:

- ✓ 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

When determining monitoring procedures, the Food Safety team should take into consideration the operational flow and monitoring result timeframes to ensure that the monitoring method and frequency are capable of identifying a breach of critical limits so that product can be isolated before being used or consumed.

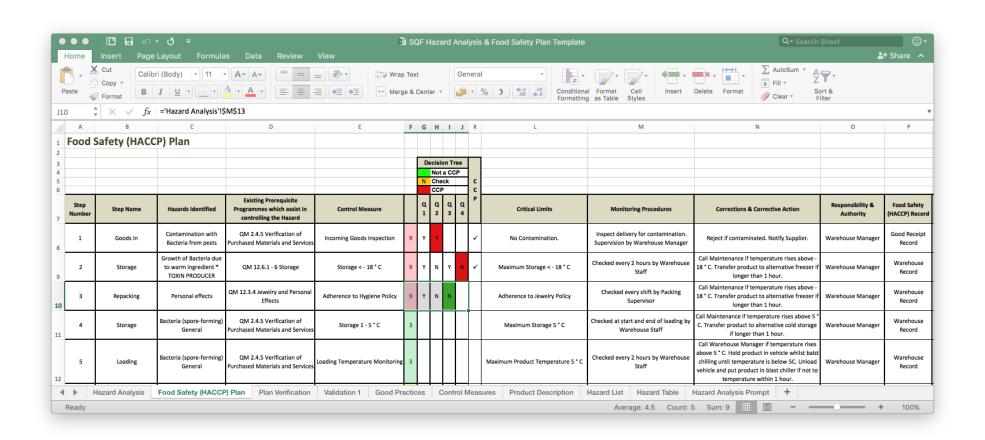
Task 35 The food safety team document the HACCP plan

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

Task 35 The food safety team document the HACCP plan

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



Control Measure Validation

Product Category			
Step Number			
Hazard			
Control Measure			
Validation Methods	Appli	cable	Comments
validation Wethods	Yes	No	Comments
Third Party Scientific			
Validation			
Historical Knowledge			
Simulated Production			
Conditions			
Collection of Data in normal			
production			
Admissible in industrial			
practices			
Statistical Programs			
Mathematical Modelling			
C	onclusio	า	
Internal Validation Required?			
If so by which method?			
CCP Confirmed			
Authorized by(Name):			
Signature:			

At this stage, you will now be able to complete Tasks 38 – 44:

Task 38: The management establish a product traceability system

You can use FS 2.6.1 Product Identification & FS 2.6.2 Product Trace as templates.

<u>Task 39: The system is used to identify and correct nonconforming products.</u> Evaluate data and take corrective actions.

You can use FS 2.4.5 Control of Non-Conforming Product or Equipment as a template.

Task 40: A system is put in place to control allergens

You can use FS 2.8.1 Allergen Management as a template.

Task 41: A food fraud prevention system is put in place

You can use FS 2.7.2 Food Fraud as a template.

Task 42: A food defense system is put in place

You can use FS 2.7.1 Food Defense Plan as a template.

Task 43: A system is put in place to control products that are potentially unsafe including withdrawal procedures

You can use FS 2.6.3 Product Recall Procedure as a template.

Task 44: A system is put in place to control monitoring and measuring methods and monitoring devices

You can use FS 12.2.9 Calibration as a template.

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 recognized Internal Auditor Course.

The Food Safety Team should define the methods, frequencies and responsibilities for verification activities.

Verification activities should put in place by the Food Safety Team to confirm the effective operation of the Food Safety Management System as well as internal audits verification can be Laboratory Analysis of End Products, Final Product Inspection and similar activities.

After training the Food Safety Team Leader/SQF Practitioner should schedule Internal Audits. Refer to FS 2.5.4 Internal Audits and Inspections Procedure as a guide. There is also FS 2.5.4A Audit and Inspection Schedule.

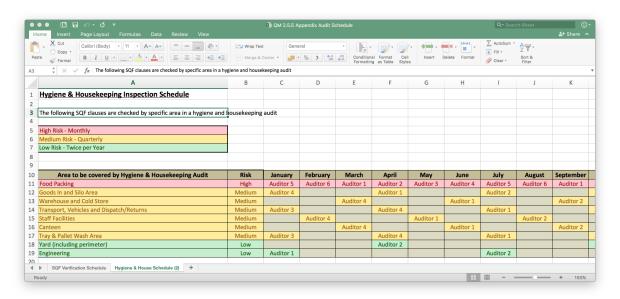
The Internal Audit Schedule should be planned annually and designed to comprehensively cover all areas of the Food Safety Management System including procedures, policies and activities.

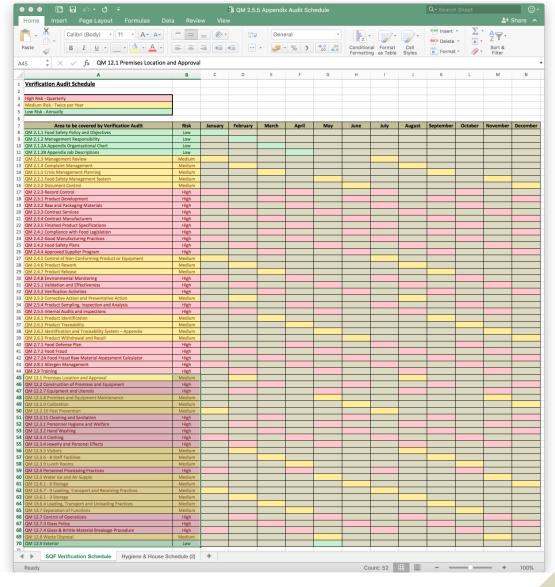
The Food Safety Team Leader/SQF Practitioner should draw up the Internal Audit Schedule based on the following criteria:

- Risk associated with the procedure or activity
- Results of Previous audits
- Number of Corrective Actions raised or outstanding
- Customer Complaint Analysis
- Number of Preventative Actions raised or outstanding
- Results of the Management Review

We have provided verification record templates that you can use as audit templates:

FS 2.5.5 Appendix Audit Schedule





Senior Management Review Meeting Notification

Date

Time

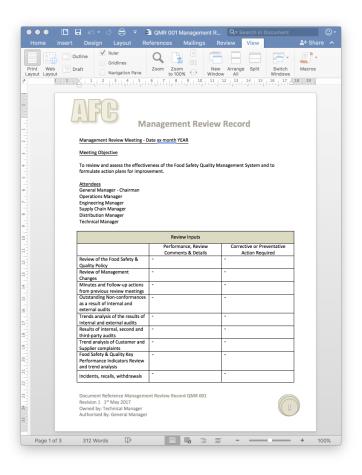
Venue

Agenda

- 1. Review of the Food Safety Policy
- 2. Review of Management Changes
- 3. Minutes and Follow-up actions from previous review meetings
- 4. Outstanding Non-conformances as a result of internal and external audits
- 5. Results of external second and third-party audits
- 6. Trend analysis of Customer and Supplier complaints
- 7. Analysis of the results of verification activities including internal hygiene and HACCP plan verification audits
- 8. Key Performance Indicators Review and trend analysis
- 9. Emergencies and Accidents
- 10. Process performance and product conformity
- 11. Corrective and preventive action status
- 12. Food Safety incidents including allergen control and labelling, recalls, withdrawals, safety or legal issues
- 13. Review of planning and development of the processes needed for the realization of safe products including changes which could affect food safety and the HACCP Plan (including legislation changes and scientific information)
- 14. Food Safety Culture performance review
- 15. Changes to policies and objectives
- 16. Communication activities and effectiveness of communication
- 17. Results of review and system updating
- 18. Review of Resources and effectiveness of Training
- 19. Recommended improvements
- 20. Customer Feedback and Sales levels are reviewed to give an indication of trends
- 21. A.O.B

Attendees:

Senior Management Team					
Job Title	Name	Role in Team			
General Manager		Chairman			
Operations Manager		Operations Reporting			
Warehouse Manager		Warehouse/Storage Reporting			
Quality 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			



Stage 8: Final Steps to SQF Certification

There a few final steps to achieving SQF Certification:

- Carry out an assessment of your system to make sure that it meets the requirements of the SQF Code and have the appropriate Good Practices using our Checklist (For a detailed checklist <u>use SQF System Self-Assessment Checklists for</u> Suppliers)
- ✓ Ensure any areas requiring corrective action are addressed
- ✓ Choose your Certification Body
- ✓ Agree a Contract with a Certification Body
- ✓ Desk Audit Document Review
- ✓ On-Site Audit
- ✓ Audit Review
- ✓ Certification Body Review
- ✓ Celebrate!
- ✓ Communicate your success!

Ensure any areas requiring corrective action are addressed

The non-compliances identified in the assessment of compliance with the SQF Code should be logged by the SQF Practitioner and the appropriate corrective action allocated and taken:

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