

This workbook is provided to assist in the implementation of your Product Quality & Safety Management System and achieving BRC certification. The workbook is divided into 7 steps that are designed to assist you in implementing your quality & safety management system effectively:

Step One: Introducing the Storage & Distribution Product Safety &

**Quality Management System** 

Step Two: Senior Management Implementation

Step Three: Product Safety and Quality Management System

Implementation

Step Four: Prerequisite Programme Implementation

Step Five: HACCP Implementation

Step Six: Training

Step Seven: Final Steps to BRC Certification

Note: The IFSQN BRC Storage and Distribution Quality Management System Package includes a Start Up Guide which should be consulted to guide you through the contents of the package.

### **Step Two: Senior Management Implementation**

A Senior Management Implementation checklist is provided that establishes your Product Safety & Quality Management System (PS&QMS) fundamentals including Safety & Quality Policies and Objectives.

The checklist guides Senior Management:

- ✓ in planning the establishment of the PS&QMS
- ✓ in providing adequate support to establish the PS&QMS
- ✓ 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 Quality Safety Management System:

- ✓ Formulating a checklist of Customer, Regulatory, Statutory and other relevant requirements
- ✓ Decide which requirements the company should address and develop relevant policies.
- ✓ Based on the Quality & Safety Policy Management Policies establish Quality Safety Objectives
- ✓ Define the scope and boundaries of the PS&QMS
- ✓ Plan the establishment of the PS&QMS
- ✓ Provide adequate support to establish the PS&QMS
- ✓ Ensure there is adequate infrastructure and work environment and develop a Corrective Action Plan to rectify shortfalls
- ✓ Allocate responsibility and authority
- ✓ Assess, plan and establish appropriate internal and external communication channels

As a decision has already been made to implement a system compliant with the BRC Global Standard for Storage and Distribution, the Senior Management meeting should also consider the requirements of the Standard which are summarised below and should be read direct from the Standard:

### Senior Management PSQMS Implementation Meeting

#### Date/Time

#### <u>Venue</u>

### <u>Agenda</u>

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

### Attendees:

Senior Management Team						
Job Title	Name	Role in Team				
Managing Director		Chairman				
General Manager	Deputy Chair					
Operations Manager	Operations Reporting					
Quality Manager		Product Safety and Quality Reporting				
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 PSQMS Implementation Checklist

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

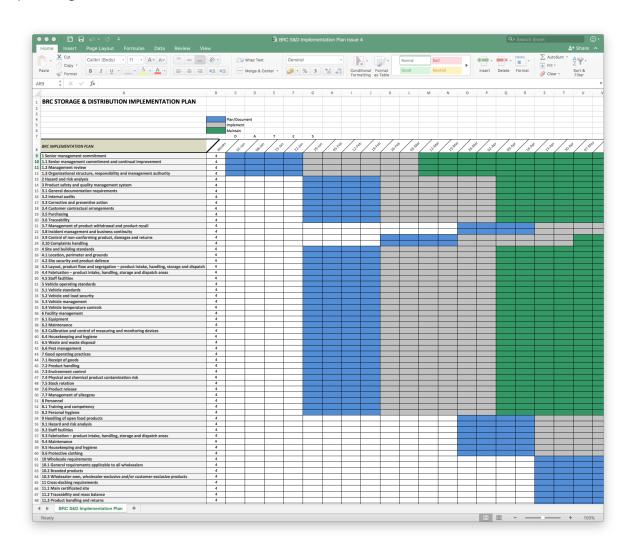
	Senior management formulate a checklist of Customer, Regulatory, Statutory and other relevant requirements						
	Customer/Regulatory/Statutory/Other	Record Details					
	XYZ Customer Requires this						
Action (i)	BRC Global Standard for Storage & Distribution Issue 4						
	Regulations						
(1)							
	Senior Management decides which Prorequirements they should address and						
	Requirement	Policy Details					
Action							
Action (ii)							

	Senior management assess plan and and external communication channel	
	Communication required	Details
Action		
(ix)		
	Plan to establish a Product Safety &	Quality Culture
	Action required	Details
Action		
(x)		
А	t a later stage, Senior Management w	
Afte	management re r implementation and verification Seni	or Management take action to
	continually improve th	e PSQMS

### The outputs from this meeting will be:

- ✓ Product Safety & Quality Policy
- ✓ Product Safety & Quality Objectives
- ✓ Defined Scope
- ✓ A Developed Project Plan \*
- ✓ Support Plan for Implementation/Training
- ✓ Plans for Infrastructure/Work Environment
- ✓ Allocation of Responsibility/Authority
- ✓ Defined Communication Channels
- An Action Plan to lead and support a Product Safety & Quality Culture

## \* Use and Adapt the Implementation Plan Template included in the package



### Senior Management can choose/adapt the templates supplied with the system

#### There are Policy and Objectives Templates



### Senior Management provide adequate support to establish the PSQMS

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

	Senior management provide adequate support to establish the FSMS					
	Resource requirement	Details				
	Safety Team Leader					
	Safety Team					
Action	PS&QMS Steering Group					
(vi)	Trainers					
	Internal Auditors					

## Senior Management Establish Product Safety & Quality Management System Steering Group

Quality & Safety Management System Steering Group								
FSMS Team Member	Name	Position	Qualification					
PSQMS Team Leader								
PSQMS Assistant Leader								
PSQMS Team Members								

### Senior Management Establish a Product Safety Team

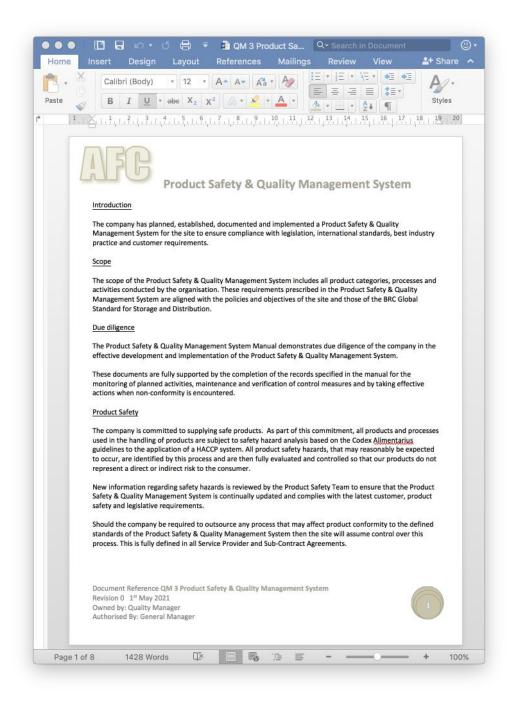
Product Safety Team									
Product Safety Team Name Position Qualification									

### Senior Management Establish a Product Recall/Crisis Management <u>Team</u>

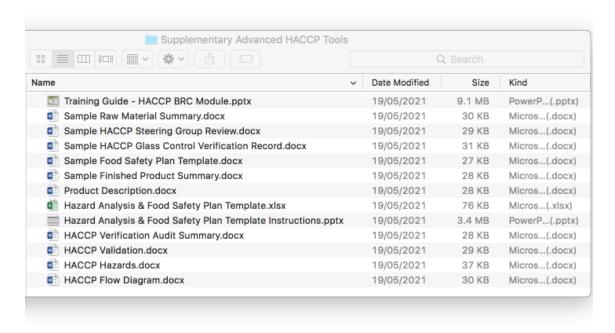
Incident Management Team								
Crisis	Name	Crisis Coordinator	Contact Details	Nominated Deputy				
Fire or Managing evacuation								
Utility Supply failure								
IT/Digital Cyber- Security failure/attack Water Supply Contamination	Operations Manager							
Breaches of security								
Distribution Failure								
Natural Disaster								
Extortion or Sabotage								
Product quality or safety								

### **Step Three: Product Safety & Quality Management System**

The Product Safety & Quality Management System includes a comprehensive BRC compliant documentation package. At this stage, you can choose to totally implement the procedures supplied or pick those that are applicable to your process. The procedural templates form the foundations of your Product Safety & Quality Management System so you don't have to spend 1,000's of hours writing compliant procedures:



### Supplementary Advanced HACCP Tools are included:



The tools include documents, a HACCP Training Presentation for the Product Safety Team and the Hazard Analysis & Food Safety Plan Template and Instructions

### Product Safety (HACCP) Team

T - - -- N / - -- l- - --

A core multidisciplinary team is utilised within the company to develop the Safety and Management System. This core team is supplemented by other staff when specific areas or products are being analysed. The team have knowledge and experience of HACCP, Products, the Process, the Equipment, Hazards and in developing and implementing a safety and quality management system.

LIACOD Taskska

<u>I eam Member</u>	HACCP Training
Quality Manager	Advanced
Operations Manager	Details
Distribution Manager	Details
Purchasing Manager	Details

The team is supplemented by departmental staff who can contribute expert knowledge of their particular areas.

This is carried out using the HACCP decision tree in the Hazard Analysis & Food Safety Plan Template (HACCP Calculator). Hazards identified at critical control points by the decision tree are controlled in the HACCP plan.

The Hazard Analysis & Food Safety Plan Template (HACCP Calculator) (See Instructions for full details)

								De	cisi	on T	ree
Ste p No.	Step Name	Hazards Identified	Probability	Severity	Significance	Specific Details about the Hazard	Control Measure	Question 1	Question 2	Question 3	Question 4
1	Delivery	Damage	3	3	9			N			
1	Delivery	Soiling	3	3	9			Υ	Ν	Υ	N
1	Delivery	Water Contamination	3	3	9			Υ	Ν	Ν	
1	Delivery	Hazard	2	3	6						
1	Delivery	Hazard	2	2	4						
1	Delivery	Hazard	1	2	2						
1	Delivery	Hazard	1	1	1						
N	= If control is required at this step for safety then modify step, process or product										

Question 1 Are control measures in place for this hazard? Question 2 Does the step eliminate or reduce the hazard to an acceptable level?

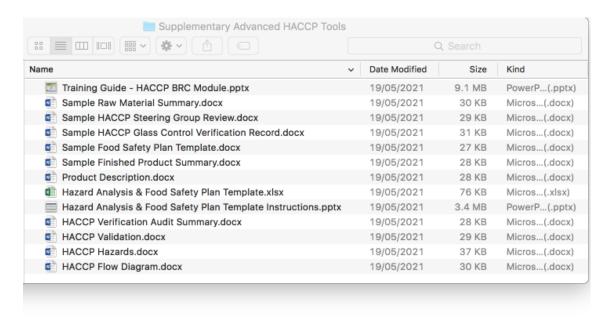
Question 3 Could contamination occur at unacceptable level or increase to unacceptable levels?

Question 4 Will a subsequent step eliminate the hazard or reduce it to an acceptable level?

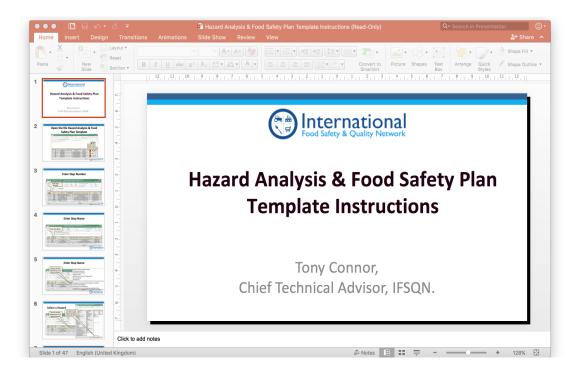
The Hazard Analysis & Food Safety Plan Template (HACCP Calculator) highlights significant hazards and critical control points in red.

In the case of exceeding CCP limits, procedures and records appropriate to the handling of potentially unsafe products are followed until it is confirmed that they are safe and suitable for release. Where product is not suitable for release then this matter is reported as soon as practically possible to the Safety Representative.

This procedure is supplemented by HACCP documents and tools in the Supplementary Advanced HACCP Tools folder:

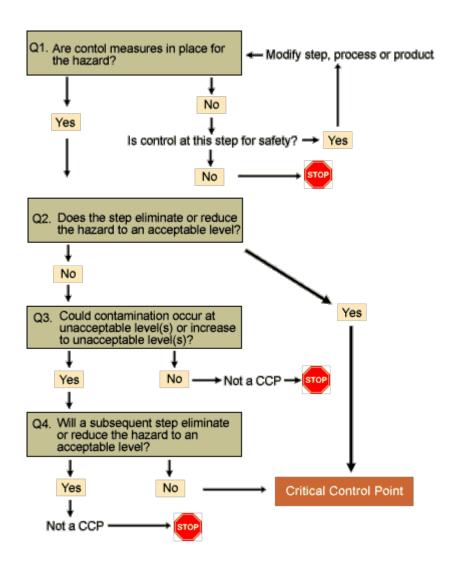


## Follow the Hazard Analysis & Food Safety Plan Template and Instructions



## The safety team identify critical control points (CCP)s for each safety hazard

Critical Control Points are established using the decision tree as the latest step in the flow path where controls can be effectively administered for a particular Significant Safety Hazards.

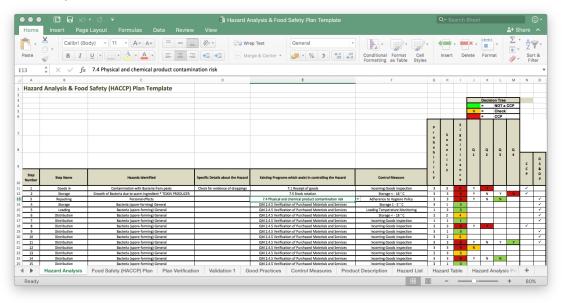


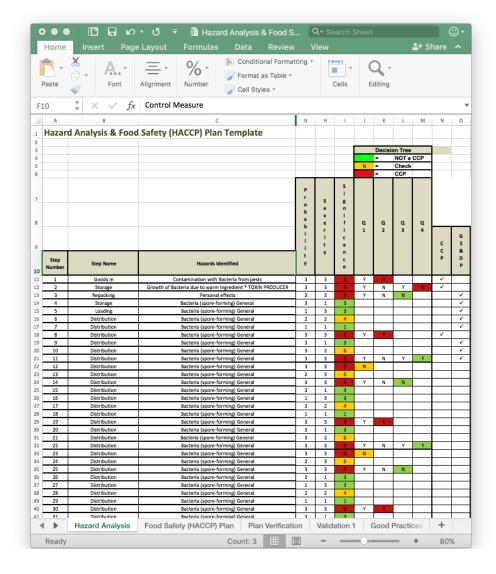
**HACCP Plan** 

### You will be able to develop a HACCP Plan to control hazards:

Critical Limits	Monitoring Procedures	Corrective Action	Responsibility	HACCP Record
Minimum / Maximum acceptable levels to ensure condition is in control	<ul> <li>measurements to be taken (or observations)</li> <li>method of measurement</li> <li>devices used (including applicable calibration procedures)</li> <li>frequency of monitoring</li> <li>responsibility and authority for monitoring and evaluation of the monitoring results</li> </ul>	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

You can use the Hazard Analysis & Food Safety Plan Template (HACCP Calculator) to assist:





### **Step Seven: Internal Auditing**

Systems are put in place to verify that the PSQMS 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.

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

Verification activities should put in place by the Safety Team to confirm the effective operation of the Quality & Safety Management System as well as internal audits verification can be Final Product Inspection and similar activities.

After training the Safety Team Leader should schedule Internal Audits. Refer to our Internal Audits Procedure as a guide.

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

The Safety Team Leader 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

### The senior management team carry out management reviews

Senior management should review the company management systems, at a minimum, annually to ensure their continuing suitability, adequacy and effectiveness.

The review should include assessing the opportunity for improvements and the need for amendments to the systems. The proceedings of all reviews are to be documented. The review meeting is normally chaired by the most Senior Manager and includes Senior Management from Quality, Operations, Maintenance, Planning, and Distribution departments.

Our system is supplied with QM 1.2 Management Review Procedure and Record which should be used as templates.



### Senior Management Review Meeting Notification

**Date** 

Time

Venue

#### Agenda

- 1. Review of the Safety and Quality 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. Quality Key Performance Indicators Review and trend analysis
- 9. Emergencies and Accidents
- 10. Process performance and product conformity
- 11. Corrective and preventive action status
- 12. 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 realisation of safe products including changes which could affect safety and the HACCP Plan (including legislation changes and scientific information)
- 14. Review of Food Safety & Quality Culture Planning and effectiveness
- 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

### Ensure any areas requiring corrective action are addressed

The non-compliances identified in the assessment of compliance with the BRC Standard should be logged by the Product Safety Team Leader and the appropriate corrective action allocated and taken:

BRC Section	Details of Non- Conformance	Identified by:	Corrective Action Required Responsibility		Target completion Date	Date Completed
	BRC Section	RRI SACTION I	KRI Section	RRESECTION	KKI Section   Responsibility	BRC Section Conformance by: Required Responsibility completion