

This is an ideal package for Packaging Manufacturers looking to meet International Food Safety Standards. This manual meets the requirements of the British Retail Consortium Global Standard for Packaging and Packaging Materials: Issue 4 2011.

Ensure your Safety & Quality Management System meets Global and International standards with our comprehensive and easy to use IFSQN Food Safety and Quality Manual Package for Packaging Manufacturers containing:

- ✓ A comprehensive set of Food Safety Management System Procedures covering all the requirements of the BRC Standard
- ✓ A range of easy to use Food Safety Management System Record Templates.
- ✓ A HACCP Manual containing over 30 HACCP documents
- ✓ HACCP Training & Exam
- ✓ Internal Auditor Training and Exam
- ✓ BRC Global Standard for Packaging and Packaging Materials Gap Analysis Checklists
- ✓ Free online support via e-mail Support Policy

## **Food Safety Management System Procedures**

Comprehensive top level documents that can form the basis of your Food safety & quality management system:

- QM 1.1 Product Safety and Quality Policy
- QM 1.2 Management Commitment
- QM 1.3 Responsibility and Authority
- QM 1.4 Management Review
- QM 2 HACCP System
- QM 3.1 Technical Management System
- QM 3.2 Customer Focus and Contract Review
- QM 3.3 Internal Audits
- QM 3.4 Supplier Approval and Monitoring
- QM 3.5 Subcontracting of Production
- QM 3.6 Document Control
- QM 3.7 Specifications
- QM 3.8 Record Control
- QM 3.9 Traceability
- QM 3.10 Customer Satisfaction & Complaint Handling
- QM 3.11.1 Crisis Management Procedure
- QM 3.11.2 Product Recall Procedure
- QM 4 Prerequisite Programmes
- QM 4.1 External Site Standards
- QM 4.2 Building Fabric and Interiors
- QM 4.3 Utilities
- QM 4.4 Site Security
- QM 4.5 Layout and Product Flow
- QM 4.6 Equipment
- QM 4.7 Maintenance
- QM 4.8 Staff Facilities
- QM 4.9 Housekeeping and Cleaning
- QM 4.10 Waste and Waste Disposal
- QM 4.11 Pest Control
- QM 4.12 Transport, Storage and Distribution
- QM 5.1 Product Design and Development
- QM 5.2 Packaging Print Control
- QM 5.3 Process Control
- QM 5.4 Laboratory Quality Manual
- QM 5.5 In Line Testing Equipment
- QM 5.6 Calibration

QM 5.7 Control of Non-Conforming Product

QM 5.8.1 Prevention of Contamination

QM 5.8.2 Hygiene Code of Practice

QM 6.1 Human Resources and Training

QM 6.2 Access and Movement of Personnel

QM 6.3 Personal Hygiene

QM 6.4 Medical Screening

QM 6.5 Protective Clothing

QM 7 Updating and Improvement



## Technical Management System

The company has planned, established, documented and implemented a Technical Management System for the site, which is maintained in order to continually improve its effectiveness in accordance with legislation, international standards and best industry practice. The company has planned and developed the processes that contribute to meeting the requirements of these standards and producing safe. products.

### Scope

The scope of the Technical Managament 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:

Hygiene and Quality - BRC Global Standard for Packaging

## Due diligence

The Quality and Hygiene Manual demonstrates due diligence of the company in the effective development and implementation of the technical management system. These documents are fully supported by the completion of the records specified in this manual for the monitoring of planned activities, maintenance and verification of control measures and by taking effective actions when non-conformity is encountered.

The company is committed to supplying safe packaging to the food chain. As part of this commitment, all products and processes used in the manufacture of food grade products are subject to hazard analysis based on the Codes Alimentarius guidelines to the application of a HACCP system. All food safety hazards, that may reasonably be expected to occur, are identified by this process and are then fully evaluated and controlled so that our products do not represent a direct or indirect risk to the consumer. New information regarding food safety hazards is continually reviewed by

Ospurvant Reference Technical Maxiagement System QM 8.1 Revision 1. 1" November 2013 Owined by, Gastly Manager Authorised Sp. Deneral Manager



## Technical Management System

the HACCP team to ensure that the HACCP and technical management systems are continually updated and comply with the latest food safety requirements

Should the company be required to outsource any process that may affect product conformity to the defined standards of the Technical Management System then the site will assume control over this process. This is fully defined in all Sub-Contract. Agreements.

### Communication

The company has established and documented clear levels of communication for suppliers, contractors, customers, regulatory authorities and staff within the technical management system. Detailed communication arrangements and food safety communication responsibilities for all leasts of management are contained in the qualifity and hygiene manual. The scope of the communication procedures applies to all membars of staff, book full time and temporary.

The Management Representative for Quality and Hygiene is the Quality Manager, who retains responsibility and authority for external communication and liaison regarding the technical 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, labelling advice and reports.

These processes and their interaction are documented within this manual and its

The top level procedures of the Technical Management System Procedures are prefixed QM and are as follows:

QM 1.1 Product Safety and Quality Policy

QM 1.2 Management Commitmer QM 1.3 Responsibility and Author QM 1.4 Management Review

Document Reference Technical Management System GM 1.1 Revision 1: 1<sup>st</sup> November 2012 Owned by: Quality Manager Authorised by: General Manager





## **Technical Management System**

QM 6.1 Human Resources and Training QM 6.2 Access and Movement of Personnel

QM 6.3 Personal Hygiene QM 6.4 Medical Screening

QM 6.5 Protective Clothing

QM 7 Updating and improvement.

A HACCP manual has been developed of the Technical Management System Procedures which includes:

HM I NACCP System

HM 2 HACCP Team

HM 3 HACCP Prerequisites

HM 4 HACCP Scope and Product Information HM 5 HACCP Intended Use HM 6 HACCP Flowcharts

MM 7 HACCP Flowchart Verification HM 8 Hazard Identification HM 9 Hazard Assessment

HM 10 Identification and Assessment of Control Measures

HM 11 Identification of Critical Control Points (CCPs) HM 12 Establishing Critical Units for each CCP HM 13 Establishing a Monitoring System for each CCP

HM 14 Establishing a Corrective Action Plan HM 15 (stablishing Verification Procedures HM 16 Establishing HACCP Documents and Records HM 17 Review of the HACCP Plan

HM 38 Flow Diagram HM 19 Product Description HM 20 Hezerth HM 21 HACCP Validation

HM: 22 HACCP Plan

HM 23 HACCP Verification Audit Summary HM 24 HACCP Instruction 1 HM 25 HACCP Instruction 2

HM 26 Hazard Instruction 3 HM 27 HACOP Definitions

Document Reference Technical Monagement Bystem GM 8.1 Bevioon 1: 1<sup>th</sup> Normalian 2013 Owned by: Guidely Manager Authorised St.: Ceneral Manager





### Technical Management System

Product Safety Quality System Process Diagram



cal Monagement System QM 8.1.

Document Reference Technical N Revision 1: L<sup>et</sup> November 2013 Owned by: Quality Manager Authorised St.: General Manager





## **HACCP System**

The company is committed to supplying safe products. As part of this commitment, all operations are subject to hazard analysis based on the Codex Alimentarius HACCP principles and the requirements of BRC Global Scholard for Packaging.

The HACCP Manual demonstrates due diligence of the company in the effective planning, development and implementation of the food safety management system. These documents are fully supported by the completion of a HACCP plan and the records specified in this manual for the incompany of planned activities, maintainance and sections of control measures and by taking effective actions when non-conformity is ancountered. All food safety hazards, that may reasonably be expected to occur, are identified by this process and are then fully evaluated and controlled so that our products. do not represent a direct or indirect risk to the consumer

The Food Safety Management System is fully supported by established verification procedures and validation of the control measures/combination of control measures that are implemented through the HACCP plan.

## Management Commitment

We are a leading food company committed to produce safe and legal products in line with legislation and to continuously improve our standards of hygiene, quality and safety in relation to both our product range and the environment in which we manufacture these products.

HACCP is a system, which identifies specific hazards and implements measures for their control. All the AACO's contained in this manual have been developed taking legislation requirements into consideration and using the seven basic principles detailed below:

Document Reference HACCP System QM 2 Revision 1: 1" Yourniter 2013 Owned by: Quality Manager Authorised by: General Managor





## **HACCP System**

The Food Safety Team conducts a hacard analysis for food safety hazards that are reasonably likely to occur for each product and process category

Each potential food safety hazard is risk assessed 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.

## identification and Assessment of Control Measures

Each hazard on the Significant Food Safety Hazard list must be controlled by a control measure (or combination of control measures) that prevent, eliminate or reduce the hazard to the defined acceptable levels.

## Critical Control Points

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 Fond Safety Hazards.

## Verification Planning

The Food Safety Team defines the methods, frequencies and responsibilities for

## Validation of Control Measure Combinations

The Food Safety team confirm that the control measures (or combination of control measures) are capable of achieving the defined acceptable levels for each food safety hauard by validation activities.

Socureer Reference HACCP System QM 2 Revision 1: 1" Yourniter 2013 Owned by: Quality Manager Authorised by: General Managor



# **Food Safety Management System Record Templates**

A comprehensive range of 36 easy to use record templates including:

QMR 001	Management Review Minutes
QMR 002	Training Record
QMR 003	Product Release Record
QMR 004	Design and Development Records
QMR 005	Supplier Assessment Record
QMR 006	Validation Record
QMR 007	Identification and Traceability Record
QMR 008	Register of Customer Property
QMR 009	Calibration Record
QMR 010	Product Safety & Quality System Audit Record
QMR 011	Records of Non-conforming Product
QMR 012	Corrective Action Request Form
QMR 013	Preventative Action Request Form
QMR 014	Supplier Self Assessment and Approval Form
QMR 015	Equipment Commissioning Record
QMR 016	Return to Work Form
QMR 017	Hygiene Policy Staff Training Record
QMR 018	Complaint Investigation Form
QMR 019	Prerequisite Audit Checklist
QMR 020	Knife Control Record
QMR 021	Knife Breakage Report
QMR 022	Goods in Inspection Record
QMR 023	Equipment Cleaning Procedure
QMR 024	Glass Breakage Record
QMR 025	Metal Detection Record
QMR 026	First Aid Dressing Issue Record
QMR 027	Cleaning Schedule
QMR 028	Cleaning Record
QMR 029	Engineering Hygiene Clearance Record
QMR 030	Glass and Brittle Plastic Register
QMR 031	GMP Audit Checklist
QMR 032	Vehicle Hygiene Inspection Record
QMR 033	Outgoing Vehicle Inspection Record
QMR 034	Pre Employment Medical Questionnaire
QMR 035	Visitor Questionnaire
QMR 036	Product Recall Record



## **Training Record**

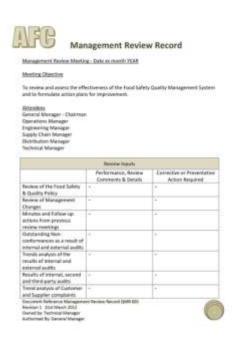
e:		Employee Number:	
pany Start Date:		Position:	
TO THE PROPERTY OF THE PARTY.	). Skills & Experience	ACCUSTOM	
External Qualification	), Skills & Experience	b.	

Period Training Required	Details of Internal Training or External Training Course	Dates of Training	Signed (Trainee)	Assessed as Competent Signed (Trainer)
Weeks 1 - 4	Induction	- 8		
	Food Safety & Quality Policy Briefing			
	Food Safety & Quality Objectives		- 7	
	Health and Safety Procedure			
	Records monitoring and control			
	Environment and Waste Management			
	Packing Procedure			
Weeks 5 - 13	Operating Procedure	3	- 7	
	Coding Procedure		1	

Document Reference Training Record QMR 002 Revision 1 1<sup>st</sup> November 2012

Revision 1 1" November 2012 Owned by: Quality Manager Authorised By: General Manager







## **HACCP Manual**

The HACCP manual documents supplied are pre-fixed HM and are as follows:

HM 1 HACCP System

HM 2 HACCP Team

**HM 3 HACCP Prerequisites** 

HM 4 HACCP Scope and Product Information

HM 5 HACCP Intended Use

**HM 6 HACCP Flowcharts** 

**HM 7 HACCP Flowchart Verification** 

HM 8 Hazard Identification

HM 9 Hazard Assessment

HM 10 Identification and Assessment of Control Measures

HM 11 Identification of Critical Control Points (CCPs)

HM 12 Establishing Critical Limits for each CCP

HM 13 Establishing a Monitoring System for each CCP

HM 14 Establishing a Corrective Action Plan

HM 15 Establishing Verification Procedures

HM 16 Establishing HACCP Documents and Records

HM 17 Review of the HACCP Plan

HM 18 Flow Diagram

**HM 19 Product Description** 

HM 20 Hazards

**HM 21 HACCP Validation** 

HM 22 HACCP Plan

HM 23 HACCP Verification Audit Summary

HM 24 HACCP Instruction 1

HM 25 HACCP Instruction 2

HM 26 HACCP Instruction 3

**HM 27 HACCP Definitions** 

HM 28 HACCP Verification Record

HM 29 HACCP Steering Group Review

HM 30 Raw Material Summary

HM 31 Finished Product Summary

HM 32 Decision Tree

HM 33 HACCP Plan Example



## **HACCP Instruction 1**

Enter Prerequisites or Control Measures that wastd in controlling the hazard

Step Number	Step Name	Category	Hazard	Prerequisites or Control Measures
1	Goods in	Physical	Wood from pallets	Layer parts
20	Goods in	Chemical	Clearing chemicals on vehicle	Segregation & Parlet Bunds
3	Goods in	Biological	E.coli in raw material	C.D.A/Approved Supplie
4	Goods in	Allerger	Contains peanuts	Sealed in double bags/ Segregated
5.		1		
6				
3.				
	-			
9.				
50.				
31				
12.				
13.				
34				
25				
28				

Document Reference HACCP Calculator Instruction Revision 1 6<sup>th</sup> May 2012 Owned by Technical Manager Authorized By Sponson Manager



## **HACCP System**

### Introduction

The company is committed to supplying safe products for consumption. As part of this commitment, all products and processes used in the manufacture of food products are subject to hazard analysis based on the Codex Allmentarius HACCP principles and the requirements of BRC Global Standard for Food Safety Issue 6 2011.

The Food Safety Manual demonstrates due diligence of the company in the effective planning, development and implementation of the food safety management system. These documents are fully supported by the completion of a HACCP plan and the records specified in this manual for the monitoring of planned activities, maintenance and verification of control measures and by taking effective actions when non-conformity is encountered. All food safety hazards, that may reasonably be expected to occur, are identified by this process and are then fully evaluated and controlled so that our products do not represent a direct or indirect risk to the consumer.

The Food Safety Management System is fully supported by established verification procedures and validation of the control measures/combination of control measures that are implemented through the HACCP plan.

### Management Commitment

We are a leading food company committed to produce safe and legal products in line with legislation and to continuously improve our standards of hygiene, quality and safety in relation to both our product range and the environment in which we manufacture these products.

### HACCP principles

HACCP is a system, which identifies specific hazards and implements measures for their control. All the HACCP's contained in this manual have been developed taking legislation requirements into consideration and using the seven basic principles detailed below; -

Document Reference HACCP System QM 2 Revision 1 31" July 2011 Owned by: Technical Manager Authorised By: General Manager





## Hazard Assessment

## Hazard Assessment

Each potential food safety hazard is this assessed to determine whether its alimination or reduction to acceptable level is required to produce a safe product and also any composirequired to achieve the acceptable levels.

For each step grades of impact (sevenity of adverse health effects) and probability (skellhood of a food safety hazard occurring) are allotted and the combined matrix used to judge the seventy and priority for elimination or minimisation of the hazard. The team identify the hazards that need to be prevented, eliminated or retuped to acceptable levels.

The HACCP team consider the probability of the hazard occurring, the sevenity of the hazard on the consumer, the uninerability of the targeted consumer, the survival and multiplication of any biological hazards, the presence of chemicals or foreign bodies, contamination at any stage in the products and position deliberate confiamination or adultmentar.

Taking this into account a rating is given for probability and severity and entered into the HACCP Planter:

			Probabi	Seu	Significano
Step Number	Step Name	Hazards Identified	Aspire	Anth	cance
1	Delivery	Domage	.i.	3	2
1	Delivery	Seiling	2	3	ń
1	Delivery	Water Contemination	3	3	
	Delivery	Hazord	3	1	3
	belivery	Hazard	3	3	
1	Delivery	Hozord	1.1	t	

Document Reference Hasers Assessment HM 8 Revision 1: 31<sup>th</sup> October 3012 Owned by: Guality Manager Authorised By: General Manager



## **HACCP Validation Record**

## Glass Policy Validation

Product Category	Preshly Prepared Sandwiches			
Step Number	5 - Storage			
Manard	Contamination of food with broken glass during operations			
Cantral Measure	Glass minimisation/Glass Breakage Procedure/Glass Protection/Glass Inspi			
Validation Martinota	Appl	cable	Comments	
VALIDATION MACHOOS	Yes	Re	Lorsmanns	
Third Party Scientific Validation		1		
Historical Kransledge	4		The presence of glass poses severe risk	
Simulated Freduction Conditions		.1	100000000000000000000000000000000000000	
Collection of Data in normal production		1		
Adminsible in industrial practices	1		Industry Code of Fractic recommendation	
Statistical Programmes		1		
Mathematical Modelling		1		
	Cantivation		30	
Internal Validation Required?				
fastly which method?			100	
CCF Conformat	1			
Authorised SylVeres):				
Signature				

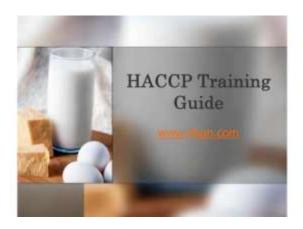


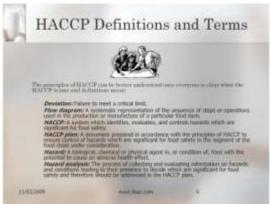
Socument Reference HACCP Validation Record HM 21 Revision 1: 31<sup>st</sup> October 2012 Owned by Qualify Manager Authorised by General Manager

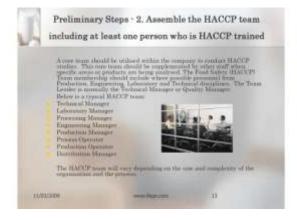


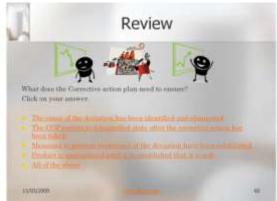
# **HACCP Training**

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 calculator in implementing your HACCP system.









# **Training Software**

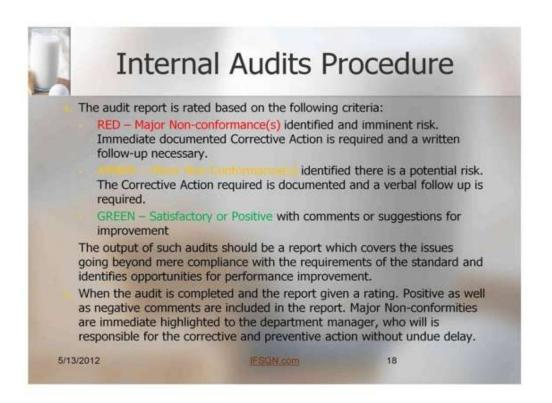
The interactive and illustrated PowerPoint HACCP training presentation is supplied with training software.

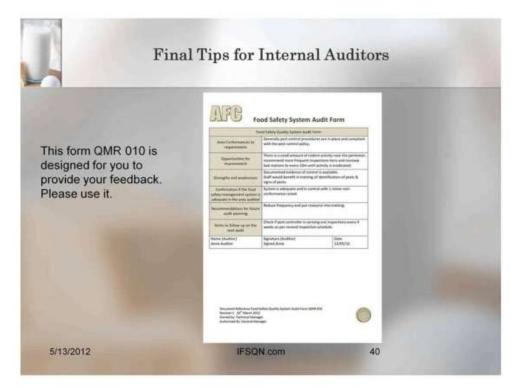


We have provided a HACCP Multiple choice exams evaluate your staff's progress with graphic certificates to print out.

# **Internal Auditing Training**

Internal Auditor Training - An interactive and illustrated Internal Audit training presentation to train your Internal Audit procedure.





# **BRC Global Standard for Packaging Gap Analysis Checklists**

A set of gap analysis checklists covering each section of the standard which you will find invaluable in achieving certification.



# **BRC Global Standard for Packaging Issue 4 Audit Checklist**

BRC Section	Requirement	Conforms Yes/No	Findings
1	Senior Management Commitment and Co	ontinual Improvem	ent
1,1	Product Safety & Quality Management Policy Senior management develop and document a product safety and quality policy, which is authorised, reviewed, signed and dated by an appropriate senior manager.		
1,1,1	The Safety & Quality Policy states the intention to meet obligations to produce safe and legally compliant products to the specified quality, and its responsibility to its customers. The policy includes a commitment to continuous improvement.	3	
1.1.2	Senior management ensure the policy is communicated to all staff involved with activities relating to product safety, legality, regulatory compliance and quality.		
	FUNDAMENTAL		
1,2	Senior Management Commitment Senior management demonstrate that they are fully committed to the implementation of requirements of the Global Standard for Packaging including provision of adequate resources, effective communication and systems of management review to effect continual improvement with opportunities for improvement identified, implemented and fully documented.		
1.2.1	Senior management ensure that product safety and quality objectives are measurable, established, documented, monitored and reviewed.		
1,2,2	Senior management provide the human and financial resources required to implement the quality management system and product safety programme.		
1,2,3	Clear communication and reporting channels must be in place.		
1,2,4	Senior management ensure a system is in place to ensure that the company is kept informed of all relevant legislative requirements in the country of manufacture and the country in which the packaging material will be sold. The company should be aware of any scientific and technical developments and industry codes of		

Document Reference BRC Packaging Issue 4 Audit Checklist Section 1 Senior Management Commitment and Continual Improvement

Revision 1 1<sup>st</sup> November 2012 Owned by: Quality Manager Authorised By: General Manager



# Free online support via e-mail

We provide online support and expertise to assist you in developing your Food Safety Management System. We even have customers who list us in their HACCP Team.

For more information on the Food Safety & Quality Management System for Packaging Manufacturers e-mail us at <a href="mailto:support@ifsqn.com">support@ifsqn.com</a>

## **Benefits of BRC Certification**

Food Safety Management System Certification can be seen by some Senior Managers as an unnecessary and bureaucratic activity. For this reason Senior Management need to understand the benefits of an effective Food Safety Management System:

- ✓ A Food Safety Management System structured with the principles of HACCP will have a clear focus on food safety which is a fundamental requirement of any food business
- ✓ An effectively implemented and applied HACCP based Food Safety Management System will improve customer confidence
- ✓ A Food Safety Management System based on HACCP takes a preventative approach that is designed to reduce and liabilities.
- ✓ An effective Food Safety Management System demonstrates management commitment to the supply of safe products.
- ✓ Food Safety Management System Records provide evidence of due diligence
- ✓ HACCP based Food Safety Management Systems can be combined with other management systems such as ISO 9001:2008. This combination provides a Food Safety based system also considers quality
- ✓ Certification to the British Retail Consortium IOP Global Standard for Packaging and Packaging Materials: Issue 3 2008 gives all interested parties a clear message that the organisation is serious about Food Safety

In order to ensure a Food Safety Management System is effectively implemented management within an organisation need to understand:

- ✓ The benefits of a Food Safety Management System
- ✓ How lack of an effective Food Safety Management System can cause illness or injury
- ✓ That a HACCP based Food Safety Management System really is a minimal system to ensure maximum control
- ✓ That a HACCP based Food Safety Management System enables businesses to optimise the use of resources by control of CCPs in an logical manner

The Food Safety Management System for Packaging Manufacturers has been designed to overcome the problems that can be encountered when implementing an effective system including:

- ✓ Lack of pre-requisite programmes
- ✓ Over-complex and unmanageable systems with too many critical control points (CCPs), partly resulting from a misunderstanding of the role of prerequisite hygiene programs (PRPs) and an inability to conduct proper hazard analysis.
- ✓ Ineffective monitoring and corrective actions due to poor training and verification procedures.
- ✓ Excessive documentation and lack of focus due to over-complex systems.
- ✓ Poor validation and verification due to lack of expertise.
- ✓ Over complication of HACCP implementation

When a business has a good understanding of Food Safety principles and has the commitment and resources to carry them out, a Food Safety Management System will deliver the promised benefits. Small to medium organisations found in the food industry, have fewer resources compared with large companies, and so find it difficult to implement an effective system.

The Food Safety Management System for Packaging Manufacturers is designed to help organisations tackle the task of implementing an effective system and progress to certification. As Tony Connor of IFSQN explains the Food Safety Management System gives organisations a head start in developing their system and preparing for certification:

"The system includes Food Safety Procedures covering a comprehensive range of prerequisite programmes which enable an organisation to put in place fundamental food safety procedures that are compliant with the BRC Global Standard for Packaging and Packaging Materials: Issue 4 2011. The system also provides guidance on how to manage and implement a HACCP system and determine critical control points (CCPs).

"As a bonus our BRC Food Safety Management System is backed up by expert support which is always available to provide assistance in developing the system."

To order the Food Safety Management System for Packaging

Manufacturers click here