



GFSI TECHNICAL EQUIVALENCE
GFSI GUIDANCE DOCUMENT VERSION 7.2

PART III - *EIV* **PROCESSING OF AMBIENT STABLE PRODUCTS**

Part III - *EIV* Processing of Ambient Stable Products

Certification Programme Scope and Key Elements

This section is the third part of the GFSI Benchmarking Requirements, which has been developed and published by the Global Food Safety Initiative (GFSI) to specify the requirements for the recognition of food safety Certification Programmes.

The objective of **Part III – EIV – Processing of Ambient Stable Products** is to define:

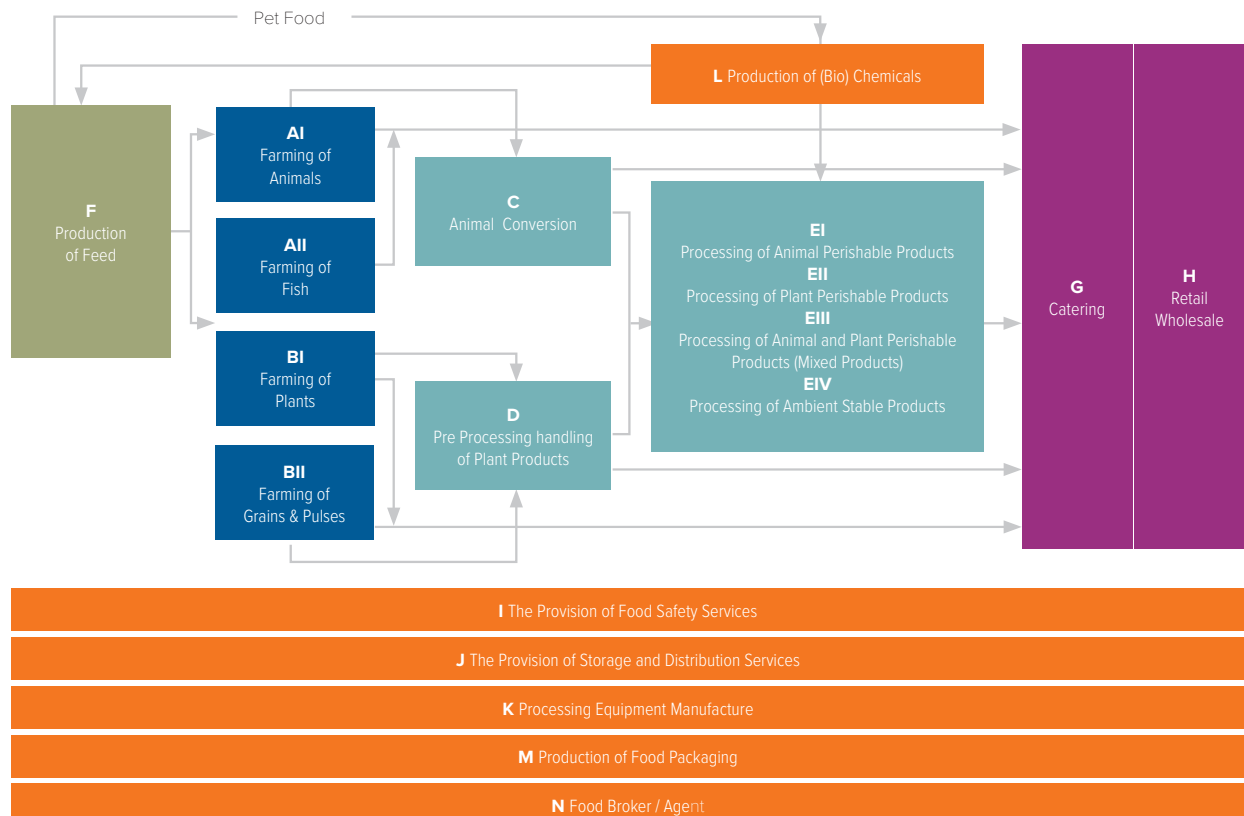
- the requirements for the Food Safety Management Systems to be in place in the Certification Programme's standard for GFSI scope of recognition **EIV – Processing of Ambient Stable Products**,
- the requirements for the Good Practice requirements to be in place in the Certification Programme's standard for GFSI scope of recognition **EIV – Processing of Ambient Stable Products**,
- the requirements for Hazard Analysis and Critical Control Points (HACCP) or HACCP based

requirements to be in place in the Certification Programme's standard for GFSI scope of recognition **EIV – Processing of Ambient Stable Products**.

GFSI scope of recognition **EIV – Processing of Ambient Stable Products** includes the following products, services, or methods of production:

- Production of food products from any source that are stored and sold at ambient temperature
- Aseptic filling, baking, bottling, brewing, canning, cooking, distilling, drying, extrusion, fermentation, freeze drying, pressing, frying, hot filling, irradiating, milling, mixing and blending, packed in modified atmosphere, packed in vacuum packing, pasteurising, pickling, roasting, salting and refining

GFSI has worked closely with food industry experts to clearly define the requirements that shall be in place



to provide food safety assurance in specific sectors of the food industry and for organisations providing services to the food industry. Although the principles are the same, these requirements differ from sector to sector of the food supply chain.

A Certification Programme's standard and other guidance shall provide sufficient detail to ensure that the GFSI requirements in the following tables are met and that, within the benchmarking process, objective evidence of compliance can be found. The requirements for individual Certification Programme standards must be independently developed based

on industry practice and it is not expected that a Certification Programme's standard shall be a direct copy of the GFSI requirements.

GFSI expects all benchmarked Certification Programmes to meet the Food Safety Management, Good Industry Practice, and HACCP requirements for the applicable sectors outlined in Part III.

However Certification Programmes requiring Certification Bodies to operate to ISO / IEC 17021-1 must also ensure that they meet or exceed the requirements of ISO 22000.

SECTION 1: HACCP OR HAZARD BASED REQUIREMENTS

Table I: HACCP Requirements

SECTION 2: FOOD SAFETY MANAGEMENT REQUIREMENTS

Table I: Food Safety Management Requirements

SECTION 3: GOOD INDUSTRY SECTOR PRACTICE REQUIREMENTS

Table I: Good MANUFACTURING Practice Requirements

SECTION 1: HACCP OR HAZARD BASED REQUIREMENTS

Table I: HACCP REQUIREMENTS

CLAUSE NUMBER	CLAUSE NAME	REQUIREMENTS
HACCP EIV 1.1	Hazard Analysis and Critical Control Point (HACCP)	The standard shall require that the organisation has in place a HACCP system including prerequisite programmes to identify and control all food safety hazards.
HACCP EIV 1.2	Hazard Analysis and Critical Control Point (HACCP)	The standard shall require that the HACCP system shall be systematic, comprehensive and thorough and shall be based on the Codex Alimentarius HACCP principles.
HACCP EIV 1.3	Hazard Analysis and Critical Control Point (HACCP)	The standard shall require that the HACCP system shall be capable of accommodating change, such as advances in equipment design, processing procedures or technological developments.

HACCP EIV 1.4	Hazard Analysis and Critical Control Point (HACCP)	The standard shall require that the scope of the HACCP system shall be required to be defined per product / product category and per process line / process location.
HACCP EIV 1.5	Hazard Analysis and Critical Control Point (HACCP)	The standard shall require that the HACCP or HACCP-based system shall include documented Standard Operating Practices (SOP's) and Work Instructions (WI's) as required and applicable to the organisation's Scope of Certification

SECTION 2: FOOD SAFETY MANAGEMENT REQUIREMENTS

Table I: Food Safety Management Requirements

CLAUSE NUMBER	CLAUSE NAME	REQUIREMENTS
FSM EIV 1	Food safety management general requirements	The standard shall require that the elements of the organisation's Food Safety Management System be documented, implemented, maintained and continually improved.
FSM EIV 2	Food safety policy	The standard shall require the organisation to have a clear, concise and documented food safety policy statement and measurable objectives specifying the extent of the organisation's commitment to meet the safety needs of its products.
FSM EIV 3	Food safety manual	The standard shall require the organisation to have a food safety manual or documented system having a scope appropriate to the range of business activities to be covered, including documented procedures or specific reference to them.
FSM EIV 4	Management responsibility	The standard shall require that the organisation establishes a clear organisational structure, which unambiguously defines and documents the job functions and responsibilities of at least those employees whose activities affect food safety.

FSM EIV 5	Management commitment	The standard shall require that the organisation's senior management provides evidence of their commitment to establish, implement, maintain and improve the Food Safety System.
FSM EIV 6.1	Management review	The standard shall require that the organisation's senior management review the verification of the Food Safety System and HACCP plan at planned intervals, to ensure their continuing suitability, adequacy and effectiveness.
FSM EIV 6.2	Management review	The standard shall require that the HACCP plan and food safety programmes (or prerequisite programmes) shall also be reviewed in the event of any change that impacts food safety. Such a review shall evaluate the need for changes to the Food Safety System, including the food safety policy and food safety objectives.
FSM EIV 7	Resource management	The standard shall require that the organisation's senior management determines and provides, in a timely manner, the qualified resources (including suitably qualified personnel) needed to implement, maintain, review and improve the Food Safety System.
FSM EIV 8.1	General documentation requirements	The standard shall require that the required documentation procedures are in place to demonstrate compliance with the standard.
FSM EIV 8.2	General documentation requirements	The standard shall require that documentation procedures are in place to ensure that all records required to demonstrate the effective operation and control of its processes and the management of food safety are securely stored.
FSM EIV 8.3	General documentation requirements	The standard shall require that the documentation procedures described under FSM EIV 8.1 and FSM EIV 8.2 are securely stored for the time period required to meet customer or legal requirements, effectively controlled and readily accessible when needed.
FSM EIV 9.1	Specified requirements	The standard shall require that the organisation ensures that documented specifications are prepared, maintained, securely stored and readily accessible when needed for all inputs to the process, items and services (including utilities, transport and maintenance) that are purchased or provided and have an effect on product safety,

FSM EIV 9.2	Specified requirements	The standard shall require that a specification review process is in place.
FSM EIV 10	Procedures	The standard shall require that the organisation establishes, implements and maintains documented and detailed procedures and instructions for all processes and operations having an effect on food safety.
FSM EIV 11	Internal audit	The standard shall require that the organisation has an internal audit system in place to cover all activities within the scope of the Food Safety Management System.
FSM EIV 12	Corrective action	The standard shall require that the organisation has procedures in place for the determination and implementation of corrective action in the event of any significant non-conformity relating to food safety.
FSM EIV 13	Control of non-conformity	The standard shall require that the organisation has effective and documented processes in place to ensure that any product, which does not conform to food safety requirements, is clearly identified and controlled to prevent unintended use or delivery.
FSM EIV 14	Product release	The standard shall require that the organisation prepares and implements appropriate product release procedures.
FSM EIV 15.1	Purchasing	The standard shall require that the organisation controls purchasing processes to ensure that all externally sourced materials and services, which have an effect on food safety, conform to food safety requirements.
FSM EIV 15.2	Purchasing	The standard shall require that where an organisation chooses to outsource any processes that may have an effect on food safety, the organisation shall ensure control over such processes.
FSM EIV 15.3	Purchasing	The standard shall require that control of outsourced processes that may have an effect on food safety are identified and documented in the food safety system.
FSM EIV 15.4	Purchasing (non-approved supplier)	Use of non-approved suppliers shall be acceptable in an emergency situation provided the facility has been assessed and the product meets the specification.

FSM EIV 16	Supplier performance	The standard shall require that the organisation establishes, implements and maintains procedures for the evaluation, approval and continued monitoring of suppliers which have an effect on food safety. The results of evaluations, investigations and follow up actions shall be recorded.
FSM EIV 17	Complaint handling	The standard shall require that the organisation establishes, implements and maintains an effective system for the management of complaints and complaint data in order to control and correct shortcomings in food safety.
FSM EIV 18	Serious incident management	The standard shall require that the organisation establishes, implements and maintains an effective incident management procedure, which is regularly tested for all products it supplies and covers planning for product withdrawal and product recall as required.
FSM EIV 19.1	Control of measuring and monitoring devices	The standard shall require that the organisation identifies the equipment used to measure parameters critical to ensure food safety.
FSM EIV 19.2	Control of measuring and monitoring devices	The standard shall require that the organisation identifies the required monitoring of measuring devices critical to ensure food safety.
FSM EIV 19.3	Control of measuring and monitoring devices	The standard shall require that the organisation identifies methods to assure that the calibration of these measuring and monitoring devices is traceable to a recognised standard or method.
FSM EIV 20.1	Food defence threat assessment	The standard shall require that the organisation has a documented food defence threat assessment procedure in place to identify potential threats and prioritise food defence measures.
FSM EIV 20.2	Food defence plan	The standard shall require that the organisation has a documented plan in place that specifies the measures the organisation has implemented to mitigate the public health risks from any identified food defence threats.
FSM EIV 20.3	Food defence plan	The standard shall require that the organisation's food defence plan shall be supported by the organisation's Food Safety Management System.

FSM EIV 21	Food fraud vulnerability assessment	The standard shall require that the organisation has a documented food fraud vulnerability assessment procedure in place to identify potential vulnerability and prioritise food fraud mitigation measures.
FSM EIV 22.1	Food fraud mitigation plan	The standard shall require that the organisation has a documented plan in place that specifies the measures the organisation has implemented to mitigate the public health risks from the identified food fraud vulnerabilities.
FSM EIV 22.2	Food fraud mitigation plan	The standard shall require that the organisation's food fraud mitigation plan shall be supported by the organisation's Food Safety Management System.
FSM EIV 23.1	Traceability	The standard shall require that the organisation establishes, implements and maintains appropriate procedures and systems to ensure identification of any outsourced production, inputs or services related to food safety.
FSM EIV 23.2	Traceability	The standard shall require that the organisation establishes, implements and maintains appropriate procedures and systems to ensure that the product identification enables traceability to the producer.
FSM EIV 23.3	Traceability	The standard shall require that the organisation establishes, implements and maintains appropriate procedures and systems to ensure a record of purchaser and delivery destination for all products it supplies. This refers to one step forward and one step backward as a minimum.
FSM EIV 24	Analysis of inputs (e.g. water, ice)	The standard shall require that analysis be performed by a competent laboratory when it is critical to the verification of food safety is undertaken.
FSM EIV 25	Product labelling	The standard shall ensure that finished product is labelled according to the applicable food regulations in the country of intended sale.
FSM EIV 26	Allergen management	The standard shall require that an allergen management plan is in place in all food manufacturing facilities. This shall include a risk assessment of allergen cross contact and implemented controls to reduce or eliminate the risk of cross contact.

FSM EIV 27	Allergen labelling	The standard shall require that all finished products intentionally or potentially containing allergenic materials are labelled according to the allergen labelling regulations in the country of destination.
FSM EIV 28	Environmental monitoring	The standard shall require that a risk-based environmental monitoring programme be in place.
FSM EIV 29	Food safety legislation	The standard shall require that the organisation establishes, implements and maintains detailed procedures and instructions for all processes and operations having an effect on food safety to be compliant in the country of manufacturing as well as the country of known destination.

SECTION 3: GOOD INDUSTRY SECTOR PRACTICE REQUIREMENTS

Table I: Good Manufacturing Practice Requirements

CLAUSE NUMBER	CLAUSE NAME	REQUIREMENTS
GMP EIV 1	Facility environment	The standard shall require that the site or facility is located and maintained so as to prevent contamination and in order to enable the production of safe products.
GMP EIV 2	Local environment	The standard shall require that all grounds within the site or facility are maintained so as to prevent contamination and enable the production of safe products.
GMP EIV 3	Facility design, construction, layout and product flow	The standard shall require that premises, site and / or plant are designed, constructed and maintained, both the exterior and the interior, to control the risk of product contamination.
GMP EIV 4	Fabrication (input and material handling, preparation, product handling, packing and storage areas)	The standard shall require that the fabrication of the site, buildings and facilities is suitable for the intended purpose.

GMP EIV 5	Equipment	The standard shall require that equipment is suitably designed and selected for the intended purpose and shall be used and stored so as to minimise food safety risks.
GMP EIV 6	Maintenance	The standard shall require that a system of planned maintenance is in place covering all items of equipment that are critical to product safety.
GMP EIV 7	Employee facilities	The standard shall require that employee facilities are designed and operated so as to minimise food safety risks.
GMP EIV 8	Physical, chemical and biological product contamination risk	The standard shall require that appropriate facilities and procedures are in place to control the risk of physical, chemical or biological contamination of product.
GMP EIV 9	Segregation and cross-contamination	The standard shall require that procedures are in place to prevent contamination and cross-contamination of raw materials, packaging and finished product, covering all aspects of food safety.
GMP EIV 10	Stock management	The standard shall require that a system is in place to ensure that materials and ingredients are used in the correct order and within the allocated shelf life.
GMP EIV 11.1	Housekeeping, cleaning and hygiene	The standard shall require that documented standards of housekeeping, cleaning and hygiene are maintained at all times and throughout all the stages.
GMP EIV 11.2	Housekeeping, cleaning and hygiene	The standard shall require that cleaning materials shall be suitable for their intended use and stored appropriately.
GMP EIV 12	Water quality and utility management (including ice)	The standard shall require that the quality of water (including steam and ice) that comes into contact with food is regularly monitored and shall present no risk to food safety.
GMP EIV 13	Waste management	The standard shall require that adequate systems are in place for the collation, collection and disposal of waste material.
GMP EIV 14	Pest control	The standard shall require that a system is in place for controlling or eliminating the risk of pest infestation on the site or in the facilities.

GMP EIV 15	Transport	The standard shall require that all containers and vehicles, including contracted out vehicles, used for the storage and transportation of raw materials (including packaging), intermediate / semi-processed product and finished product (including packed, fresh product in final packaging) are suitable for the purpose, are maintained in good repair and are clean.
GMP EIV 16.1	Personal hygiene, protective clothing and medical screening	The standard shall require that documented personal hygiene standards based on risk of product contamination are in place and personnel are trained in them.
GMP EIV 16.2	Personal hygiene, protective clothing and medical screening	The standard shall require that hand washing and toilet facilities shall be provided.
GMP EIV 16.3	Personal hygiene, protective clothing and medical screening	The standard shall require that suitable and appropriate protective clothing shall be provided.
GMP EIV 16.4	Personal hygiene, protective clothing and medical screening	The standard shall require that a medical screening procedure shall be in place to identify conditions impacting food safety subject to legal restrictions in the country of operation.
GMP EIV 16.5	Personal hygiene, protective clothing and medical screening	The standard shall require that in all cases, the requirements described under GMP EIV 16.1, 16.2, 16.3 and 16.4 shall also apply to contractors and visitors.
GMP EIV 17	Training	The standard shall require that a system is in place to ensure that all employees are adequately trained, instructed and supervised in food safety principles and practices, commensurate with their activity.
GMP EIV 18.1	Packing and storage of product	The standard shall require that packaging materials are obtained with knowledge of manufacturer, be appropriate for use and are used and stored so as not to be a source of contamination to the product.
GMP EIV 18.2	Packing and storage of product	The standard shall require that the product shall be handled, sorted, graded and packed in a manner that minimises sources of biological, chemical and physical contamination.

GMP EIV 18.3

Packing and storage
of product

The standard shall require that the product shall be held or stored in designated areas and handled under the proper conditions to minimise contamination.