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Subpart A—General Provisions				
§117.4 Qualifications of individuals who				
manufacture, process, pack, or hold food.				
(b) Qualifications of all individuals engaged in				
manufacturing, processing, packing, or holding				
food. Each individual engaged in manufacturing,				
processing, packing, or holding food (including				
temporary and seasonal personnel) or in the				
supervision thereof must:				
(1) Be a qualified individual as that term is				
defined in §117.3—i.e., have the education,				
training, or experience (or a combination				
thereof) necessary to manufacture, process,				
pack, or hold clean and safe food as appropriate				
to the individual's assigned duties; and				
(2) Receive training in the principles of food				
hygiene and food safety, including the				
importance of employee health and personal				
hygiene, as appropriate to the food, the facility				
and the individual's assigned duties.				
(c) Additional qualifications of supervisory				
personnel. Responsibility for ensuring				
compliance by individuals with the requirements				
of this part must be clearly assigned to				
supervisory personnel who have the education,				
training, or experience (or a combination				
thereof) necessary to supervise the production				
of clean and safe food.				

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<ul> <li>§117.9 Records required for this subpart.</li> <li>(a) Records that document training required by §117.4(b)(2) must be established and maintained.</li> <li>(b) The records that must be established and maintained are subject to the requirements of subpart F of this part.</li> </ul>				
Subpart B—Current Good Manufacturing				
Practice				
§ 117.10 Personnel.				
The management of the establishment must take reasonable measures and precautions to ensure the following: (a) <i>Disease control</i> . Any person who, by medical examination or supervisory observation, is shown to have, or appears to have, an illness, open lesion, including boils, sores, or infected wounds, or any other abnormal source of microbial contamination by which there is a reasonable possibility of food, food-contact surfaces, or food-packaging materials becoming contaminated, must be excluded from any operations which may be expected to result in such contamination until the condition is corrected, unless conditions such as open lesions, boils, and infected wounds are adequately covered (e.g., by an impermeable				

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cover). Personnel must be instructed to report such health conditions to their supervisors.				
<ul> <li>(b) <i>Cleanliness</i>. All persons working in direct contact with food, food-contact surfaces, and food-packaging materials must conform to hygienic practices while on duty to the extent necessary to protect against allergen cross-contact and against contamination of food. The methods for maintaining cleanliness include:</li> <li>(1) Wearing outer garments suitable to the operation in a manner that protects against allergen cross-contact and against the contamination of food, food-contact surfaces, or food-packaging materials.</li> <li>(2) Maintaining adequate personal cleanliness.</li> </ul>				
<ul> <li>(3) Washing hands thoroughly (and sanitizing if necessary to protect against contamination with undesirable microorganisms) in an adequate handwashing facility before starting work, after each absence from the work station, and at any other time when the hands may have become soiled or contaminated.</li> <li>(4) Removing all unsecured jewelry and other objects that might fall into food, equipment, or containers, and removing hand jewelry that cannot be adequately sanitized during periods in which food is manipulated by hand. If such hand jewelry cannot be removed, it may be covered</li> </ul>				

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by material which can be maintained in an				
intact, clean, and sanitary condition and which				
effectively protects against the contamination				
by these objects of the food, food-contact				
surfaces, or food-packaging materials.				
(5) Maintaining gloves, if they are used in food				
handling, in an intact, clean, and sanitary				
condition.				
(6) Wearing, where appropriate, in an effective				
manner, hair nets, headbands, caps, beard				
covers, or other effective hair restraints.				
(7) Storing clothing or other personal belongings				
in areas other than where food is exposed or				
where equipment or utensils are washed.				
(8) Confining the following to areas other than				
where food may be exposed or where				
equipment or utensils are washed: eating food,				
chewing gum, drinking beverages, or using				
tobacco.				
(9) Taking any other necessary precautions to				
protect against allergen cross-contact and				
against contamination of food, food-contact				
surfaces, or food packaging materials with				
microorganisms or foreign substances (including				
perspiration, hair, cosmetics, tobacco,				
chemicals, and medicines applied to the skin).				
§ 117.20 Plant and grounds.				

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<ul> <li>(a) Grounds. The grounds about a food plant under the control of the operator must be kept in a condition that will protect against the contamination of food. The methods for adequate maintenance of grounds must include:</li> <li>(1) Properly storing equipment, removing litter and waste, and cutting weeds or grass within the immediate vicinity of the plant that may constitute an attractant, breeding place, or</li> </ul>				
<ul><li>harborage for pests.</li><li>(2) Maintaining roads, yards, and parking lots so that they do not constitute a source of contamination in areas where food is exposed.</li></ul>				
<ul> <li>(3) Adequately draining areas that may contribute contamination to food by seepage, foot-borne filth, or providing a breeding place for pests.</li> <li>(4) Operating systems for waste treatment and set of the set o</li></ul>				
(4) Operating systems for waste treatment and disposal in an adequate manner so that they do not constitute a source of contamination in areas where food is exposed.				
<ul> <li>(5) If the plant grounds are bordered by grounds not under the operator's control and not maintained in the manner described in paragraphs (a)(1) through (4) of this section, care must be exercised in the plant by inspection, extermination, or other means to</li> </ul>				

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exclude pests, dirt, and filth that may be a source of food contamination.				
(b) <i>Plant construction and design</i> . The plant must be suitable in size, construction, and design to facilitate maintenance and sanitary operations for food-production purposes (i.e., manufacturing, processing, packing, and holding). The plant must:				
(1) Provide adequate space for such placement of equipment and storage of materials as is necessary for maintenance, sanitary operations, and the production of safe food.				
(2) Permit the taking of adequate precautions to reduce the potential for allergen cross-contact and for contamination of food, food-contact surfaces, or food-packaging materials with microorganisms, chemicals, filth, and other				
extraneous material. The potential for allergen cross-contact and for contamination may be reduced by adequate food safety controls and operating practices or effective design, including the separation of operations in which allergen				
cross-contact and contamination are likely to occur, by one or more of the following means: location, time, partition, air flow systems, dust control systems, enclosed systems, or other effective means.				

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<ul> <li>(3) Permit the taking of adequate precautions to protect food in installed outdoor bulk vessels by any effective means, including:</li> <li>(i) Using protective coverings.</li> <li>(ii) Controlling areas over and around the vessels to eliminate harborages for pests.</li> <li>(iii) Checking on a regular basis for pests and pest infestation.</li> <li>(iv) Skimming fermentation vessels, as</li> </ul>				
necessary. (4) Be constructed in such a manner that floors, walls, and ceilings may be adequately cleaned and kept clean and kept in good repair; that drip or condensate from fixtures, ducts and pipes does not contaminate food, food-contact surfaces, or food-packaging materials; and that aisles or working spaces are provided between equipment and walls and are adequately unobstructed and of adequate width to permit employees to perform their duties and to				
<ul> <li>protect against contaminating food, food- contact surfaces, or food-packaging materials with clothing or personal contact.</li> <li>(5) Provide adequate lighting in handwashing areas, dressing and locker rooms, and toilet rooms and in all areas where food is examined, manufactured, processed, packed, or held and where equipment or utensils are cleaned; and</li> </ul>				

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provide shatter-resistant light bulbs, fixtures,				
skylights, or other glass suspended over exposed				
food in any step of preparation or otherwise				
protect against food contamination in case of				
glass breakage.				
(6) Provide adequate ventilation or control				
equipment to minimize dust, odors and vapors				
(including steam and noxious fumes) in areas				
where they may cause allergen cross-contact or				
contaminate food; and locate and operate fans				
and other air-blowing equipment in a manner				
that minimizes the potential for allergen cross- contact and for contaminating food, food-				
packaging materials, and food-contact surfaces.				
(7) Provide, where necessary, adequate				
screening or other protection against pests.				
§ 117.35 Sanitary operations.				
(a) General maintenance. Buildings, fixtures, and				
other physical facilities of the plant must be				
maintained in a clean and sanitary condition and				
must be kept in repair adequate to prevent food				
from becoming adulterated. Cleaning and				
sanitizing of utensils and equipment must be				
conducted in a manner that protects against				
allergen cross-contact and against				
contamination of food, food-contact surfaces, or				
food-packaging materials.				

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<ul> <li>(b) Substances used in cleaning and sanitizing; storage of toxic materials.</li> <li>(1) Cleaning compounds and sanitizing agents used in cleaning and sanitizing procedures must be free from undesirable microorganisms and must be safe and adequate under the conditions of use. Compliance with this requirement must be verified by any effective means, including purchase of these substances under a letter of guarantee or certification or examination of these substances for contamination. Only the following toxic materials may be used or stored in a plant where food is processed or exposed:</li> <li>(i) Those required to maintain clean and sanitary conditions;</li> <li>(ii) Those necessary for use in laboratory testing procedures;</li> <li>(iii) Those necessary for use in the plant's operations.</li> </ul>				
<ul> <li>(2) Toxic cleaning compounds, sanitizing agents, and pesticide chemicals must be identified, held, and stored in a manner that protects against contamination of food, food-contact surfaces, or food-packaging materials.</li> <li>(c) <i>Pest control</i>. Pests must not be allowed in any area of a food plant. Guard, guide, or pest-</li> </ul>				

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detecting dogs may be allowed in some areas of				
a plant if the presence of the dogs is unlikely to				
result in contamination of food, food-contact				
surfaces, or food-packaging materials. Effective				
measures must be taken to exclude pests from				
the manufacturing, processing, packing, and				
holding areas and to protect against the				
contamination of food on the premises by pests.				
The use of pesticides to control pests in the				
plant is permitted only under precautions and				
restrictions that will protect against the				
contamination of food, food-contact surfaces,				
and food-packaging materials.				
(d) Sanitation of food-contact surfaces. All food-				
contact surfaces, including utensils and food-				
contact surfaces of equipment, must be cleaned				
as frequently as necessary to protect against				
allergen cross-contact and against				
contamination of food.				
(1) Food-contact surfaces used for				
manufacturing/processing, packing, or holding				
low-moisture food must be in a clean, dry,				
sanitary condition before use. When the				
surfaces are wet-cleaned, they must, when				
necessary, be sanitized and thoroughly dried				
before subsequent use.				
(2) In wet processing, when cleaning is				
necessary to protect against allergen cross-				

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contact or the introduction of microorganisms				
into food, all food- contact surfaces must be				
cleaned and sanitized before use and after any				
interruption during which the food- contact				
surfaces may have become contaminated.				
Where equipment and utensils are used in a				
continuous production operation, the utensils				
and food-contact surfaces of the equipment				
must be cleaned and sanitized as necessary.				
(3) Single-service articles (such as utensils				
intended for one-time use, paper cups, and				
paper towels) must be stored, handled, and				
disposed of in a manner that protects against				
allergen cross-contact and against				
contamination of food, food-contact surfaces, or				
food-packaging materials.				
(e) Sanitation of non-food-contact surfaces. Non-				
food-contact surfaces of equipment used in the				
operation of a food plant must be cleaned in a				
manner and as frequently as necessary to				
protect against allergen cross-contact and				
against contamination of food, food-contact				
surfaces, and food-packaging materials.				
(f) Storage and handling of cleaned portable				
equipment and utensils. Cleaned and sanitized				
portable equipment with food-contact surfaces				
and utensils must be stored in a location and				
manner that protects food-contact surfaces				

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from allergen cross-contact and from contamination.				
§ 117.37 Sanitary facilities and controls.				
Each plant must be equipped with adequate sanitary facilities and accommodations including: (a) <i>Water supply</i> . The water supply must be adequate for the operations intended and must be derived from an adequate source. Any water that contacts food, food-contact surfaces, or food-packaging materials must be safe and of adequate sanitary quality. Running water at a suitable temperature, and under pressure as needed, must be provided in all areas where required for the processing of food, for the cleaning of equipment, utensils, and food- packaging materials, or for employee sanitary facilities.				
<ul> <li>(b) <i>Plumbing</i>. Plumbing must be of adequate size and design and adequately installed and maintained to:</li> <li>(1) Carry adequate quantities of water to required locations throughout the plant.</li> <li>(2) Properly convey sewage and liquid disposable waste from the plant.</li> <li>3) Avoid constituting a source of contamination to food, water supplies, equipment, or utensils or creating an unsanitary condition.</li> </ul>				

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(4) Provide adequate floor drainage in all areas				
where floors are subject to flooding-type				
cleaning or where normal operations release or				
discharge water or other liquid waste on the				
floor.				
(5) Provide that there is not backflow from, or				
cross-connection between, piping systems that				
discharge waste water or sewage and piping				
systems that carry water for food or food				
manufacturing.				
(c) Sewage disposal. Sewage must be disposed				
of into an adequate sewerage system or				
disposed of through other adequate means.				
(d) Toilet facilities. Each plant must provide				
employees with adequate, readily accessible				
toilet facilities. Toilet facilities must be kept				
clean and must not be a potential source of				
contamination of food, food-contact surfaces, or				
food-packaging materials.				
(e) Hand-washing facilities. Each plant must				
provide hand-washing facilities designed to				
ensure that an employee's hands are not a				
source of contamination of food, food-contact				
surfaces, or food-packaging materials, by				
providing facilities that are adequate,				
convenient, and furnish running water at a				
suitable temperature.				

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(f) Rubbish and offal disposal. Rubbish and any				
offal must be so conveyed, stored, and disposed				
of as to minimize the development of odor,				
minimize the potential for the waste becoming				
an attractant and harborage or breeding place				
for pests, and protect against contamination of				
food, food-contact surfaces, food-packaging				
materials, water supplies, and ground surfaces.				
§ 117.40 Equipment and utensils.				
(a)(1) All plant equipment and utensils used in				
manufacturing, processing, packing, or holding				
food must be so designed and of such material				
and workmanship as to be adequately cleanable,				
and must be adequately maintained to protect				
against allergen cross-contact and				
contamination.				
(2) Equipment and utensils must be designed,				
constructed, and used appropriately to avoid				
the adulteration of food with lubricants, fuel,				
metal fragments, contaminated water, or any				
other contaminants.				
(3) Equipment must be installed so as to				
facilitate the cleaning and maintenance of the				
equipment and of adjacent spaces.				
(4) Food-contact surfaces must be corrosion-				
resistant when in contact with food.				
(5) Food-contact surfaces must be made of				
nontoxic materials and designed to withstand				

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the environment of their intended use and the				
action of food, and, if applicable, cleaning				
compounds, sanitizing agents, and cleaning				
procedures.				
(6) Food-contact surfaces must be maintained to				
protect food from allergen cross-contact and				
from being contaminated by any source,				
including unlawful indirect food additives.				
(b) Seams on food-contact surfaces must be				
smoothly bonded or maintained so as to				
minimize accumulation of food particles, dirt,				
and organic matter and thus minimize the				
opportunity for growth of microorganisms and				
allergen cross-contact.				
(c) Equipment that is in areas where food is				
manufactured, processed, packed, or held and				
that does not come into contact with food must				
be so constructed that it can be kept in a clean				
and sanitary condition.				
(d) Holding, conveying, and manufacturing				
systems, including gravimetric, pneumatic,				
closed, and automated systems, must be of a				
design and construction that enables them to be				
maintained in an appropriate clean and sanitary				
condition.				
(e) Each freezer and cold storage compartment				
used to store and hold food capable of				
supporting growth of microorganisms must be				

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fitted with an indicating thermometer,				
temperature measuring device, or temperature				
recording device so installed as to show the				
temperature accurately within the				
compartment.				
(f) Instruments and controls used for measuring,				
regulating, or recording temperatures, pH,				
acidity, water activity, or other conditions that control or prevent the growth of undesirable				
microorganisms in food must be accurate and				
precise and adequately maintained, and				
adequate in number for their designated uses.				
(g) Compressed air or other gases mechanically				
introduced into food or used to clean food-				
contact surfaces or equipment must be treated				
in such a way that food is not contaminated with				
unlawful indirect food additives.				
§ 117.80 Processes and controls.				
(a) General. (1) All operations in the				
manufacturing, processing, packing, and holding				
of food (including operations directed to				
receiving, inspecting, transporting, and				
segregating) must be conducted in accordance				
with adequate sanitation principles.				
(2) Appropriate quality control operations must				
be employed to ensure that food is suitable for				
human consumption and that food-packaging				
materials are safe and suitable.				

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(3) Overall sanitation of the plant must be under				
the supervision of one or more competent				
individuals assigned responsibility for this				
function.				
(4) Adequate precautions must be taken to				
ensure that production procedures do not				
contribute to allergen cross-contact and to				
contamination from any source.				
(5) Chemical, microbial, or extraneous-material				
testing procedures must be used where				
necessary to identify sanitation failures or				
possible allergen cross-contact and food				
contamination.				
(6) All food that has become contaminated to the extent that it is adulterated must be				
rejected, or if appropriate, treated or processed to eliminate the contamination.				
(b) <i>Raw materials and other ingredients</i> . (1) Raw				
materials and other ingredients must be				
inspected and segregated or otherwise handled				
as necessary to ascertain that they are clean and				
suitable for processing into food and must be				
stored under conditions that will protect against				
allergen cross-contact and against				
contamination and minimize deterioration. Raw				
materials must be washed or cleaned as				
necessary to remove soil or other				
contamination. Water used for washing, rinsing,				

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or conveying food must be safe and of adequate				
sanitary quality. Water may be reused for				
washing, rinsing, or conveying food if it does not				
cause allergen cross-contact or increase the				
level of contamination of the food.				
(2) Raw materials and other ingredients must				
either not contain levels of microorganisms that				
may render the food injurious to the health of				
humans, or they must be pasteurized or				
otherwise treated during manufacturing				
operations so that they no longer contain levels				
that would cause the product to be adulterated.				
(3) Raw materials and other ingredients				
susceptible to contamination with aflatoxin or				
other natural toxins must comply with FDA				
regulations for poisonous or deleterious				
substances before these raw materials or other				
ingredients are incorporated into finished food.				
(4) Raw materials, other ingredients, and rework				
susceptible to contamination with pests,				
undesirable microorganisms, or extraneous				
material must comply with applicable FDA				
regulations for natural or unavoidable defects if				
a manufacturer wishes to use the materials in				
manufacturing food.				
(5) Raw materials, other ingredients, and rework				
must be held in bulk, or in containers designed				
and constructed so as to protect against allergen				

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cross-contact and against contamination and				
must be held at such temperature and relative				
humidity and in such a manner as to prevent the				
food from becoming adulterated. Material				
scheduled for rework must be identified as such.				
(6) Frozen raw materials and other ingredients				
must be kept frozen. If thawing is required prior				
to use, it must be done in a manner that				
prevents the raw materials and other				
ingredients from becoming adulterated.				
(7) Liquid or dry raw materials and other				
ingredients received and stored in bulk form				
must be held in a manner that protects against				
allergen cross-contact and against				
contamination.				
(8) Raw materials and other ingredients that are				
food allergens, and rework that contains food				
allergens, must be identified and held in a				
manner that prevents allergen cross-contact.				
(c) Manufacturing operations. (1) Equipment				
and utensils and food containers must be				
maintained in an adequate condition through				
appropriate cleaning and sanitizing, as				
necessary. Insofar as necessary, equipment must				
be taken apart for thorough cleaning.				
(2) All food manufacturing, processing, packing,				
and holding must be conducted under such				
conditions and controls as are necessary to				

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minimize the potential for the growth of microorganisms, allergen cross-contact, contamination of food, and deterioration of food.				
(3) Food that can support the rapid growth of undesirable microorganisms must be held at temperatures that will prevent the food from becoming adulterated during manufacturing, processing, packing, and holding.				
(4) Measures such as sterilizing, irradiating, pasteurizing, cooking, freezing, refrigerating, controlling pH, or controlling aw that are taken to destroy or prevent the growth of undesirable microorganisms must be adequate under the conditions of manufacture, handling, and distribution to prevent food from being adulterated.				
(5) Work-in-process and rework must be handled in a manner that protects against allergen cross-contact, contamination, and growth of undesirable microorganisms.				
(6) Effective measures must be taken to protect finished food from allergen cross-contact and from contamination by raw materials, other ingredients, or refuse. When raw materials, other ingredients, or refuse are unprotected, they must not be handled simultaneously in a receiving, loading, or shipping area if that				

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handling could result in allergen cross-contact or contaminated food. Food transported by conveyor must be protected against allergen cross-contact and against contamination as necessary.				
<ul> <li>(7) Equipment, containers, and utensils used to convey, hold, or store raw materials and other ingredients, work-in-process, rework, or other food must be constructed, handled, and maintained during manufacturing, processing, packing, and holding in a manner that protects against allergen cross-contact and against contamination.</li> </ul>				
<ul> <li>(8) Adequate measures must be taken to protect against the inclusion of metal or other extraneous material in food.</li> </ul>				
<ul> <li>(9) Food, raw materials, and other ingredients that are adulterated:</li> <li>(i) Must be disposed of in a manner that protects against the contamination of other food; or</li> </ul>				
<ul> <li>(ii) If the adulterated food is capable of being reconditioned, it must be:</li> <li>(A) Reconditioned (if appropriate) using a method that has been proven to be effective; or</li> <li>(B) Reconditioned (if appropriate) and reexamined and subsequently found not to be adulterated within the meaning of the Federal</li> </ul>				

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Food, Drug, and Cosmetic Act before being incorporated into other food.				
<ul> <li>(10) Steps such as washing, peeling, trimming, cutting, sorting and inspecting, mashing, dewatering, cooling, shredding, extruding, drying, whipping, defatting, and forming must be performed so as to protect food against allergen cross-contact and against contamination. Food must be protected from contaminants that may drip, drain, or be drawn into the food.</li> <li>(11) Heat blanching, when required in the</li> </ul>				
preparation of food capable of supporting microbial growth, must be effected by heating the food to the required temperature, holding it at this temperature for the required time, and then either rapidly cooling the food or passing it to subsequent manufacturing without delay. Growth and contamination by thermophilic microorganisms in blanchers must be minimized by the use of adequate operating temperatures and by periodic cleaning and sanitizing as necessary.				
(12) Batters, breading, sauces, gravies, dressings, dipping solutions, and other similar preparations that are held and used repeatedly over time must be treated or maintained in such a manner that they are				

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protected against allergen cross-contact and against contamination, and minimizing the potential for the growth of undesirable microorganisms.				
(13) Filling, assembling, packaging, and other operations must be performed in such a way that the food is protected against allergen cross- contact, contamination and growth of undesirable microorganisms.				
(14) Food, such as dry mixes, nuts, intermediate moisture food, and dehydrated food, that relies principally on the control of a <sub>w</sub> for preventing the growth of undesirable microorganisms must be processed to and maintained at a safe moisture level.				
(15) Food, such as acid and acidified food, that relies principally on the control of pH for preventing the growth of undesirable microorganisms must be monitored and maintained at a pH of 4.6 or below.				
<ul> <li>(16) When ice is used in contact with food, it must be made from water that is safe and of adequate sanitary quality in accordance with § 117.37(a), and must be used only if it has been manufactured in accordance with current good manufacturing practice as outlined in this part.</li> <li>§117.93 Warehousing and distribution.</li> </ul>				

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Storage and transportation of food must be				
under conditions that will protect against				
allergen cross-contact and against biological,				
chemical (including radiological), and physical				
contamination of food, as well as against				
deterioration of the food and the container.				
§117.95 Holding and distribution of human				
food by-products for use as animal food.				
(a) Human food by-products held for distribution				
as animal food without additional				
manufacturing or processing by the human food				
processor, as identified in §507.12 of this				
chapter, must be held under conditions that will				
protect against contamination, including the				
following:				
(1) Containers and equipment used to convey or				
hold human food by-products for use as animal				
food before distribution must be designed,				
constructed of appropriate material, cleaned as				
necessary, and maintained to protect against				
the contamination of human food by-products				
for use as animal food;				
(2) Human food by-products for use as animal				
food held for distribution must be held in a way				
to protect against contamination from sources				
such as trash; and				

Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
		Language Alignment of	Language Alignment of and Actions to Align

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defect level of the final food. For examples of				
defect action levels that may render food				
adulterated, see the Defect Levels Handbook,				
which is accessible at				
http://www.fda.gov/pchfrule and at				
http://www.fda.gov.				
Subpart C—Hazard Analysis and Risk-Based				
Preventive Controls				
§ 117.126 Food safety plan.				
(a) Requirement for a food safety plan.				
(1) You must prepare, or have prepared, and				
implement a written food safety plan.				
(2) The food safety plan must be prepared, or its				
preparation overseen, by one or more				
preventive controls qualified individuals.				
(b) Contents of a food safety plan. The written				
food safety plan must include:				
(1) The written hazard analysis as required by §				
117.130(a)(2);				
(2) The written preventive controls as required				
by § 117.135(b);				
(3) The written supply-chain program as				
required by subpart G of this part;				
(4) The written recall plan as required by §				
117.139(a); and				
(5) The written procedures for monitoring the				
implementation of the preventive controls as				
required by § 117.145(a)(1);				

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(6) The written corrective action procedures as				
required by § 117.150(a)(1); and				
(7) The written verification procedures as				
required by § 117.165(b).				
(c) <i>Records</i> . The food safety plan required by this				
section is a record that is subject to the				
requirements of subpart F of this part.				
§ 117.130 Hazard analysis.				
(a) Requirement for a hazard analysis.				
(1) You must conduct a hazard analysis to				
identify and evaluate, based on experience,				
illness data, scientific reports, and other				
information, known or reasonably foreseeable				
hazards for each type of food manufactured,				
processed, packed, or held at your facility to				
determine whether there are any hazards				
requiring a preventive control.				
(2) The hazard analysis must be written				
regardless of its outcome.				
(b) Hazard identification. The hazard				
identification must consider:				
(1) Known or reasonably foreseeable hazards				
that include:				
(i) Biological hazards, including microbiological				
hazards such as parasites, environmental				
pathogens, and other pathogens;				
(ii) Chemical hazards, including radiological				
hazards, substances such as pesticide and drug				

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residues, natural toxins, decomposition,				
unapproved food or color additives, and food				
allergens; and				
(iii) Physical hazards (such as stones, glass, and				
metal fragments); and				
(2) Known or reasonably foreseeable hazards that may be present in the food for any of the				
following reasons: (i) The hazard occurs naturally;				
(ii) The hazard may be unintentionally				
introduced; or				
(iii) The hazard may be intentionally introduced				
for purposes of economic gain.				
(c) Hazard evaluation.				
(1)(i) The hazard analysis must include an				
evaluation of the hazards identified in paragraph				
(b) of this section to assess the severity of the				
illness or injury if the hazard were to occur and				
the probability that the hazard will occur in the				
absence of preventive controls.				
(ii) The hazard evaluation required by paragraph				
(c)(1)(i) of this section must include an				
evaluation of environmental pathogens				
whenever a ready-to-eat food is exposed to the				
environment prior to packaging and the				
packaged food does not receive a treatment or				
otherwise include a control measure (such as a				

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formulation lethal to the pathogen) that would				
significantly minimize the pathogen.				
2) The hazard evaluation must consider the				
effect of the following on the safety of the				
finished food for the intended consumer:				
(i) The formulation of the food;				
(ii) The condition, function, and design of the				
facility and equipment;				
(iii) Raw materials and other ingredients;				
(iv) Transportation practices;				
(v) Manufacturing/				
processing procedures;				
(vi) Packaging activities and labeling activities;				
(vii) Storage and distribution;				
(viii) Intended or reasonably foreseeable use;				
(ix) Sanitation, including employee hygiene; and				
(x) Any other relevant factors, such as the				
temporal (e.g., weather-related) nature of some				
hazards (e.g., levels of some natural toxins).				
§ 117.135 Preventive controls.				
(a)(1) You must identify and implement				
preventive controls to provide assurances that				
any hazards requiring a preventive control will				
be significantly minimized or prevented				
and the food manufactured, processed, packed,				
or held by your facility will not be adulterated				
under section 402 of the Federal Food, Drug,				
and Cosmetic Act or misbranded under section				

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403(w) of the Federal Food, Drug, and Cosmetic				
Act.				
(2) Preventive controls required by paragraph				
(a)(1) of this section include:				
(i) Controls at critical control points (CCPs), if				
there are any CCPs; and				
(ii) Controls, other than those at CCPs, that are				
also appropriate for food safety.				
(b) Preventive controls must be written.				
(c) Preventive controls include, as appropriate to				
the facility and the food: (1) <i>Process controls</i> .				
Process controls include procedures, practices,				
and processes to ensure the control of				
parameters during operations such as heat				
processing, acidifying, irradiating, and				
refrigerating foods. Process controls must				
include, as appropriate to the nature of the				
applicable control and its role in the facility's				
food safety system:				
(i) Parameters associated with the control of the				
hazard; and				
(ii) The maximum or minimum value, or				
combination of values, to which any biological,				
chemical, or physical parameter must be				
controlled to significantly minimize or prevent a				
hazard requiring a process control.				

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(2) Food allergen controls. Food allergen				
controls include procedures, practices, and				
processes to control food allergens. Food				
allergen controls must include those procedures,				
practices, and processes employed for:				
(i) Ensuring protection of food from allergen				
cross-contact, including during storage,				
handling, and use; and				
(ii) Labeling the finished food, including ensuring				
that the finished food is not misbranded under				
section 403(w) of the Federal Food, Drug, and				
Cosmetic Act.				
(3) Sanitation controls. Sanitation controls				
include procedures, practices, and processes to				
ensure that the facility is maintained in a				
sanitary condition adequate to significantly				
minimize or prevent hazards such as				
environmental pathogens, biological hazards				
due to employee handling, and food allergen				
hazards. Sanitation controls must include, as				
appropriate to the facility and the food,				
procedures, practices, and processes for the:				
(i) Cleanliness of food-contact				
surfaces, including food-contact				
surfaces of utensils and equipment;				
(ii) Prevention of allergen cross-contact and				
cross-contamination from insanitary objects and				
from personnel to food, food packaging				

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material, and other food-contact surfaces and from raw product to processed product.				
(4) <i>Supply-chain controls</i> . Supply-chain controls include the supply-chain program as required by subpart G of this part.				
(5) <i>Recall plan</i> . Recall plan as required by § 117.139.				
(6) Other controls. Preventive controls include any other procedures, practices, and processes necessary to satisfy the requirements of paragraph (a) of this section. Examples of other controls include hygiene training and other current good manufacturing practices.				
§ 117.136 Circumstances in which the owner, operator, or agent in charge of a manufacturing/ processing facility is not required to implement a preventive control.				
(a) <i>Circumstances</i> . If you are a manufacturer/processor, you are not required to implement a preventive control when you identify a hazard requiring a preventive control (identified hazard) and any of the following circumstances apply:				
(1) You determine and document that the type of food (e.g., raw agricultural commodities such as cocoa beans, coffee beans, and grains) could not be consumed without application of an appropriate control.				

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<ul> <li>(2) You rely on your customer who is subject to the requirements for hazard analysis and risk-based preventive controls in this subpart C to ensure that the identified hazard will be significantly minimized or prevented and you:</li> <li>(i) Disclose in documents accompanying the food, in accordance with the practice of the trade, that the food is "not processed to control [identified hazard]"; and</li> </ul>				
<ul> <li>(3) You rely on your customer who is not subject</li> <li>to the requirements for hazard analysis and risk- based preventive controls in this subpart to provide assurance it is manufacturing, processing, or preparing the food in accordance with applicable food safety requirements and you:</li> </ul>				
<ul> <li>(i) Disclose in documents accompanying the food, in accordance with the practice of the trade, that the food is "not processed to control [identified hazard]"; and</li> </ul>				
<ul> <li>(4) You rely on your customer to provide assurance that the food will be processed to control the identified hazard by an entity in the distribution chain subsequent to the customer and you:</li> <li>(i) Disclose in documents accompanying the</li> </ul>				
food, in accordance with the practice of the				

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trade, that the food is "not processed to control [identified hazard]"; and				
<ul> <li>(5) You have established, documented, and implemented a system that ensures control, at a subsequent distribution step, of the hazards in the food product you distribute and you document the implementation of that system.</li> <li>(b) Records. You must document any circumstance, specified in paragraph (a) of this section, that applies to you, including:</li> <li>(1) A determination, in accordance with</li> </ul>				
paragraph (a) of this section, that the type of food could not be consumed without application of an appropriate control;				
<ul> <li>(5) Your system, in accordance with paragraph</li> <li>(a)(5) of this section, that ensures control, at a subsequent distribution step, of the hazards in the food product you distribute.</li> <li>§ 117.139 Recall plan.</li> </ul>				
For food with a hazard requiring a preventive control: (a) You must establish a written recall plan for the food. (b) The written recall plan must include procedures that describe the steps to be taken, and assign responsibility for taking those steps, to perform the following actions as appropriate to the facility:				

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(1) Directly notify the direct consignees of the				
food being recalled, including how to return or				
dispose of the affected food;				
(2) Notify the public about any hazard presented				
by the food when appropriate to protect public health;				
(3) Conduct effectiveness checks to verify that				
the recall is carried out; and				
(4) Appropriately dispose of recalled food—e.g.,				
through reprocessing, reworking, diverting to a				
use that does not present a safety concern, or				
destroying the food.				
§ 117.140 Preventive control management				
components.				
(a) Except as provided by paragraphs (b) and (c)				
of this section, the preventive controls required				
under § 117.135 are subject to the following				
preventive control management components as				
appropriate to ensure the effectiveness of the				
preventive controls, taking into account the				
nature of the preventive control and its role in				
the facility's food safety system:				
(1) Monitoring in accordance with § 117.145;				
(2) Corrective actions and corrections in				
accordance with § 117.150; and				
(3) Verification in accordance with § 117.155.				
(b) The supply-chain program established in				
subpart G of this part is subject to the following				

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preventive control management components as appropriate to ensure the effectiveness of the supply-chain program, taking into account the nature of the hazard controlled before receipt of the raw material or other ingredient: (1) Corrective actions and corrections in accordance with § 117.150, taking into account the nature of any supplier non-conformance; (2) Review of records in accordance with § 117.165(a)(4); and (3) Reanalysis in accordance with § 117.170. (c) The recall plan established in §117.139 is not subject to the requirements of paragraph (a) of				
this section. § 117.145 Monitoring.				
As appropriate to the nature of the preventive control and its role in the facility's food safety system: (a) <i>Written procedures</i> . You must establish and implement written procedures, including the frequency with which they are to be performed, for monitoring the preventive control; and. (b) <i>Monitoring</i> . You must monitor the preventive controls with adequate frequency to provide assurance that they are consistently performed.				
(c) <i>Records</i> . (1) Requirement to document monitoring. You must document the monitoring				

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of preventive controls in accordance with this				
section in records that are subject to verification				
in accordance with § $117.155(a)(2)$ and records				
review in accordance with § 17.165(a)(4)(i). (2) <i>Exception records</i> . (i) Records of refrigeration				
temperature during storage of food that				
requires time/temperature control to				
significantly minimize or prevent the growth of,				
or toxin production by, pathogens may be				
affirmative records demonstrating temperature				
is controlled or exception records demonstrating				
loss of temperature control.				
(ii) Exception records may be adequate in				
circumstances other than monitoring of				
refrigeration temperature.				
§ 117.150 Corrective actions and corrections.				
(a) Corrective action procedures. As appropriate				
to the nature of the hazard and the nature of				
the preventive control, except as provided by				
paragraph (c) of this section:				
(1) You must establish and implement written				
corrective action procedures that must be taken				
if preventive controls are not properly				
implemented, including procedures to address,				
as appropriate:				
(i) The presence of a pathogen or appropriate				
indicator organism in a ready-to-eat product				
detected as a result of product testing				

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conducted in accordance with § 117.165(a)(2);				
and				
(ii) The presence of an environmental pathogen				
or appropriate indicator organism detected				
through the environmental monitoring				
conducted in accordance with § 117.165(a)(3).				
(2) The corrective action procedures must				
describe the steps to be taken to ensure that:				
(i) Appropriate action is taken to identify and				
correct a problem that has occurred with				
implementation of a preventive control;				
(ii) Appropriate action is taken, when necessary,				
to reduce the likelihood that the problem will				
recur;				
(iii) All affected food is evaluated for safety; and				
(iv) All affected food is prevented from entering				
into commerce, if you cannot ensure that the				
affected food is not adulterated under section				
402 of the Federal Food, Drug, and Cosmetic Act				
or misbranded under section 403(w) of the				
Federal Food, Drug, and Cosmetic Act.				
(b) Corrective action in the event of an				
unanticipated food safety problem. (1) Except as				
provided by paragraph (c) of this section, you				
are subject to the requirements of paragraphs				
(b)(2) of this section if any of the following				
circumstances apply:				

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<ul> <li>(i) A preventive control is not properly implemented and a corrective action procedure has not been established;</li> <li>(ii) A preventive control, combination of preventive controls, or the food safety plan as a whole is found to be ineffective; or</li> <li>(iii) A review of records in accordance with §117.165(a)(4) finds that the records are not complete, the activities conducted did not occur in accordance with the food safety plan, or appropriate decisions were not made about corrective actions.</li> </ul>				
<ul> <li>(2) If any of the circumstances listed in paragraph (b)(1) of this section apply, you must:</li> <li>(i) Take corrective action to identify and correct the problem, reduce the likelihood that the problem will recur, evaluate all affected food for safety, and, as necessary, prevent affected food from entering commerce as would be done following a corrective action procedure under paragraphs (a)(2)(i) through (iv) of this section; and</li> <li>(ii) When appropriate, reanalyze the food safety plan in accordance with §117.170 to determine whether modification of the food safety plan is required.</li> </ul>				

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(c) Corrections. You do not need to comply with				
the requirements of paragraphs (a) and (b) of				
this section if:				
(1) You take action, in a timely manner, to				
identify and correct conditions and practices				
that are not consistent with the food allergen				
controls in §117.135(c)(2)(i) or the sanitation				
controls in §117.135(c)(3)(i) or (ii); or				
(2) You take action, in a timely manner, to				
identify and correct a minor and isolated				
problem that does not directly impact product				
safety.				
(d) <i>Records</i> . All corrective actions (and, when				
appropriate, corrections) taken in accordance				
with this section must be documented in				
records. These records are subject to verification				
in accordance with §117.155(a)(3) and records				
review in accordance with §117.165(a)(4)(i).				
§117.155 Verification.				
(a) Verification activities. Verification activities				
must include, as appropriate to the nature of				
the preventive control and its role in the				
facility's food safety system:				
(1) Validation in accordance with §117.160.				
(2) Verification that monitoring is being				
conducted as required by §117.140 (and in				
accordance with §117.145).				

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<ul> <li>(3) Verification that appropriate decisions about corrective actions are being made as required by §117.140 (and in accordance with §117.150).</li> <li>(4) Verification of implementation and effectiveness in accordance with §117.165; and</li> <li>(5) Reanalysis in accordance with §117.170.</li> <li>(b) Documentation. All verification activities conducted in accordance with this section must be documented in records.</li> </ul>				
<ul> <li>§117.160 Validation.</li> <li>(a) You must validate that the preventive controls identified and implemented in accordance with §117.135 are adequate to control the hazard as appropriate to the nature of the preventive control and its role in the facility's food safety system.</li> <li>(b) The validation of the preventive controls:</li> <li>(1) Must be performed (or overseen) by a preventive controls qualified individual:</li> <li>(i)(A) Prior to implementation of the food safety</li> </ul>				Note: You do not need to validate:(1) The food allergen controls in §117.135(c)(2); (2) The sanitation controls in §117.135(c)(3); (3) The recall plan in §117.139; (4) The supply-chain program in subpart G of this part; and (5) Other
<ul> <li>plan; or</li> <li>(B) When necessary to demonstrate the control measures can be implemented as designed:</li> <li>(1) Within 90 calendar days after production of the applicable food first begins; or</li> <li>(2) Within a reasonable timeframe, provided that the preventive controls qualified individual prepares (or oversees the preparation of) a</li> </ul>				preventive controls, if the preventive controls qualified individual prepares (or oversees the preparation of) a written justification that validation is not applicable based on

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written justification for a timeframe that exceeds 90 calendar days after production of the applicable food first begins; (ii) Whenever a change to a control measure or combination of control measures could impact whether the control measure or combination of control measures, when properly implemented, will effectively control the hazards; and (iii) Whenever a reanalysis of the food safety plan reveals the need to do so;				factors such as the nature of the hazard, and the nature of the preventive control and its role in the facility's food safety system.
(2) Must include obtaining and evaluating scientific and technical evidence (or, when such				
evidence is not available or is inadequate, conducting studies) to determine whether the				
preventive controls, when properly				
implemented, will effectively control the				
hazards; and				
§ 117.165 Verification of implementation and effectiveness.				
(a) Verification activities. You must verify that				
the preventive controls are consistently				
implemented and are effectively and				
significantly minimizing or preventing the				
hazards. To do so you must conduct activities				
that include the following, as appropriate to the				
facility, the food, and the nature of the				
preventive control and its role in the facility's				
food safety system:				

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(1) Calibration of process monitoring				
instruments and verification instruments (or				
checking them for accuracy);				
(2) Product testing, for a pathogen (or				
appropriate indicator organism) or other hazard;				
(3) Environmental monitoring, for an				
environmental pathogen or for an appropriate				
indicator organism, if contamination of a ready-				
to-eat food with an environmental pathogen is a				
hazard requiring a preventive control, by				
collecting and testing environmental samples;				
and				
(4) Review of the following records within the				
specified timeframes, by (or under the oversight				
of) a preventive controls qualified individual, to				
ensure that the records are complete, the				
activities reflected in the records occurred in				
accordance with the food safety plan, the				
preventive controls are effective, and				
appropriate decisions were made about				
corrective actions:				
(i) Records of monitoring and corrective action				
records within 7 working days after the records				
are created or within a reasonable timeframe,				
provided that the preventive controls qualified				
individual prepares (or oversees the preparation				
of) a written justification for a timeframe that				
exceeds 7 working days; and				

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(ii) Records of calibration, testing (e.g., product				
testing, environmental monitoring), supplier and				
supply-chain verification activities, and other				
verification activities within a reasonable time				
after the records are created; and				
(5) Other activities appropriate for verification of				
implementation and effectiveness.				
(b) Written procedures. As appropriate to the				
facility, the food, the nature of the preventive				
control, and the role of the preventive control in				
the facility's food safety system, you must				
establish and implement written procedures for				
the following activities:				
(1) The method and frequency of calibrating				
process monitoring instruments and verification				
instruments (or checking them for accuracy) as				
required by paragraph (a)(1) of this section.				
(2) Product testing as required by paragraph				
(a)(2) of this section.				
Procedures for product testing must:				
(i) Be scientifically valid;				
(ii) Identify the test microorganism(s) or other				
analyte(s);				
(iii) Specify the procedures for identifying				
samples, including their relationship to specific				
lots of product;				

(iv) Include the procedures for sampling,       including the number of samples and the sampling frequency;       including the number of samples and the samples (v) Identify the test(s) conducted, including the analytical method(s) used;       include the faboratory conducting the testing; and         (vi) Identify the laboratory conducting the testing; and       include the corrective action procedures       include the corrective action procedures         required by § 117.150(a)(1).       include the corrective action procedures for environmental monitoring must:       include the test microorganism(s);         (ii) Be scientifically valid;       iiii Identify the test microorganism(s);       iiiii Identify the locations from which samples         will be collected and the number of sites to be tested during routine environmental monitoring. The number and location of sampling sites must be adequate to determine whether preventive controls are effective;       iiiii Identify the timing and frequency for collecting and testing samples. The timing and frequency for collecting and testing samples must be adequate to determine whether       iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	PART 117—CURRENT GOOD MANUFACTURING PRACTICE, HAZARD ANALYSIS, AND RISK-BASED PREVENTIVE CONTROLS FOR HUMAN FOOD (PCHF Rule)	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
sampling frequency; (v) Identify the test(s) conducted, including the analytical method(s) used; (vi) Identify the laboratory conducting the testing; and (vii) Include the corrective action procedures required by § 117.150(a)(1). (3) Environmental monitoring as required by paragraph (a)(3) of this section. Procedures for environmental monitoring must: (i) Be scientifically valid; (ii) Identify the test microorganism(s); (iii) Identify the locations from which samples will be collected and the number of sites to be tested during routine environmental monitoring. The number and location of sampling sites must be adequate to determine whether preventive controls are effective; (iv) Identify the timing and frequency for collecting and testing samples. The timing and frequency for collecting and testing samples must be adequate to determine whether preventive controls are effective;	(iv) Include the procedures for sampling,				
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preventive controls are effective;					
(י) וטפוונווץ נוופ נפגנא נטווטטנופט, ווגווטטווא נוופ	•				
analytical method(s) used;					

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(vi) Identify the laboratory conducting the				
testing; and				
(vii) Include the corrective action procedures				
required by § 117.150(a)(1).				
§ 117.170 Reanalysis.				
(a) You must conduct a reanalysis of the food				
safety plan as a whole at least once every 3				
years;				
(b) You must conduct a reanalysis of the food				
safety plan as a whole, or the applicable portion				
of the food safety plan:				
(1) Whenever a significant change in the				
activities conducted at your facility creates a				
reasonable potential for a new hazard or creates				
a significant increase in a previously identified				
hazard;				
(2) Whenever you become aware of new				
information about potential hazards associated with the food;				
(3) Whenever appropriate after an				
unanticipated food safety problem in				
accordance with § 117.150(b); and				
(4) Whenever you find that a preventive control,				
combination of preventive controls, or the food				
safety plan as a whole is ineffective.				
(c) You must complete the reanalysis required				
by paragraphs (a) and (b) of this section and				
validate, as appropriate to the nature of the				

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preventive control and its role in the facility's food safety system, any additional preventive controls needed to address the hazard identified:				
(1) Before any change in activities (including any change in preventive control) at the facility is operative; or				
(2) When necessary to demonstrate the control measures can be implemented as designed:				
<ul><li>(i) Within 90 calendar days after production of the applicable food first begins; or</li><li>(ii) Within a reasonable timeframe, provided</li></ul>				
that the preventive controls qualified individual prepares (or oversees the preparation of) a				
written justification for a timeframe that exceeds 90-calendar days after production of				
<ul><li>the applicable food first begins.</li><li>(d) You must revise the written food safety plan</li><li>if a significant change in the activities conducted</li></ul>				
at your facility creates a reasonable potential for a new hazard or a significant increase in a				
previously identified hazard or document the basis for the conclusion that no revisions are needed.				
(e) A preventive controls qualified individual must perform (or oversee) the reanalysis.				

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(f) You must conduct a reanalysis of the food				
safety plan when FDA determines it is necessary				
to respond to new hazards and developments in				
scientific understanding.				
§ 117.180 Requirements applicable to a				
preventive controls qualified individual and a				
qualified auditor.				
(a) One or more preventive controls qualified				
individuals must do or oversee the following:				
(1) Preparation of the food safety plan (§				
117.126(a)(2));				
(2) Validation of the preventive controls (§				
117.160(b)(1));				
(3) Written justification for validation to be				
performed in a timeframe that exceeds the first				
90 calendar days of production of the applicable				
food;				
(4) Determination that validation is not required				
(§ 117.160(c)(5));				
(5) Review of records (§ 117.165(a)(4));				
(6) Written justification for review of records of				
monitoring and corrective actions within a timeframe that exceeds 7 working days;				
(7) Reanalysis of the food safety plan (§				
(7) Reanalysis of the rood safety plan (§ 117.170(d)); and				
(8) Determination that reanalysis can be				
completed, and additional preventive controls				
validated, as appropriate to the nature of the				
valuated, as appropriate to the nature of the				

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preventive control and its role in the facility's				
food safety system, in a timeframe that exceeds				
the first 90 calendar days of production of the				
applicable food.				
(b) A qualified auditor must conduct an onsite				
audit (§ 117.435(a)).				
(c)(1) To be a preventive controls qualified				
individual, the individual must have successfully				
completed training in the development and				
application of risk-based preventive controls at				
least equivalent to that received under a				
standardized curriculum recognized as adequate				
by FDA or be otherwise qualified through job				
experience to develop and apply a food safety				
system. Job experience may qualify an individual				
to perform these functions if such experience				
has provided an individual with knowledge at				
least equivalent to that provided through the				
standardized curriculum. This individual may be,				
but is not required to be, an employee of the				
facility.				
(2) To be a qualified auditor, a qualified				
individual must have technical expertise				
obtained through education, training, or				
experience (or a combination thereof) necessary				
to perform the auditing function.				
(d) All applicable training in the development				
and application of risk-based preventive controls				

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must be documented in records, including the date of the training, the type of training, and the person(s) trained.				
§ 117.190 Implementation records required for this subpart.				
(a) You must establish and maintain the following records documenting implementation of the food safety plan:				Note: This section does not establish any new records requirements, it is simply a list for convenience, Also, note: (b) The records that you must establish and maintain are subject to the requirements of subpart F of this part.
(1) Documentation, as required by §117.136(b), of the basis for not establishing a preventive control in accordance with § 117.136(a);				
(2) Records that document the monitoring of preventive controls;				
<ul> <li>(3) Records that document corrective actions;</li> <li>(4) Records that document verification,</li> <li>including, as applicable, those related to:</li> <li>(i) Validation;</li> <li>(ii) Verification of monitoring;</li> <li>(iii) Verification of corrective actions;</li> </ul>				

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(iv) Calibration of process monitoring and				
verification instruments;				
(v) Product testing;				
(vi) Environmental monitoring;				
(vii) Records review; and				
(viii) Reanalysis;				
(5) Records that document the supply-chain				
program; and				
(6) Records that document applicable training				
for the preventive controls qualified individual				
and the qualified auditor.				
§ 117.206 Modified requirements that apply to				
a facility solely engaged in the storage of				
unexposed packaged food.				
(a) If a facility that is solely engaged in the				
storage of unexposed packaged food stores any				
such refrigerated packaged food that requires				
time/ temperature control to significantly				
minimize or prevent the growth of, or toxin				
production by pathogens, the facility must				
conduct the following activities as appropriate				
to ensure the effectiveness of the temperature				
controls:				
(1) Establish and implement temperature				
controls adequate to significantly minimize or				
prevent the growth of, or toxin production by,				
pathogens;				

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(2) Monitor the temperature controls with				
adequate frequency to provide assurance that				
the temperature controls are consistently				
performed;				
(3) If there is a loss of temperature control that				
may impact the safety of such refrigerated				
packaged food, take appropriate corrective				
actions to:				
(i) Correct the problem and reduce the				
likelihood that the problem will recur;				
(ii) Evaluate all affected food for safety; and				
(iii) Prevent the food from entering commerce, if				
you cannot ensure the affected food is not				
adulterated under section 402 of the Federal				
Food, Drug, and Cosmetic Act;				
(4) Verify that temperature controls are				
consistently implemented by:				
(i) Calibrating temperature monitoring and				
recording devices (or checking them for				
accuracy);				
(ii) Reviewing records of calibration within a				
reasonable time after the records are created;				
and				
(iii) Reviewing records of monitoring and				
corrective actions taken to correct a problem				
with the control of temperature within 7				
working days after the records are created or				
within a reasonable timeframe, provided that				

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the preventive controls qualified individual prepares (or oversees the preparation of) a written justification for a timeframe that exceeds 7 working days;				
<ul> <li>(5) Establish and maintain the following records:</li> <li>(i) Records (whether affirmative records demonstrating temperature is controlled or exception records demonstrating loss of temperature control) documenting the</li> </ul>				
monitoring of temperature controls for any such refrigerated packaged food;				
<ul> <li>(ii) Records of corrective actions taken when there is a loss of temperature control that may impact the safety of any such refrigerated packaged food; and</li> </ul>				
<ul> <li>(iii) Records documenting verification activities.</li> <li>(b) The records that a facility must establish and maintain under paragraph (a)(5) of this section are subject to the requirements of subpart F of this part.</li> </ul>				
Subpart F—Requirements Applying to Records That Must Be Established and Maintained				
§ 117.305 General requirements applying to records.				
Records must: (a) Be kept as original records, true copies (such as photocopies, pictures, scanned copies,				

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microfilm, microfiche, or other accurate				
reproductions of the original records), or				
electronic records;				
(b) Contain the actual values and observations				
obtained during monitoring and, as appropriate,				
during verification activities;				
(c) Be accurate, indelible, and legible;				
(d) Be created concurrently with performance of				
the activity documented;				
(e) Be as detailed as necessary to provide history				
of work performed; and				
(f) Include:				
(1) Information adequate to identify the plant or				
facility (e.g., the name, and when necessary, the				
location of the plant or facility);				
(2) The date and, when appropriate, the time of				
the activity documented;				
(3) The signature or initials of the person				
performing the activity; and				
(4) Where appropriate, the identity of the				
product and the lot code, if any.				
§ 117.310 Additional requirements applying to				
the food safety plan.				
The owner, operator, or agent in charge of the				
facility must sign and date the food safety plan:				
(a) Upon initial completion; and				
(b) Upon any modification.				
§ 117.315 Requirements for record retention.				

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(a)(1) All records required by this part must be				
retained at the plant or facility for at least 2				
years after the date they were prepared.				
(2) Records that a facility relies on during the 3-				
year period preceding the applicable calendar				
year to support its status as a qualified facility				
must be retained at the facility as long as				
necessary to support the status of a facility as a				
qualified facility during the applicable calendar				
year.				
(b) Records that relate to the general adequacy				
of the equipment or processes being used by a				
facility, including the results of scientific studies				
and evaluations, must be retained by the facility				
for at least 2 years after their use is discontinued				
(e.g., because the facility has updated the				
written food safety plan (§ 117.126) or records				
that document validation of the written food				
safety plan (§ 117.155(b)));				
(c) Except for the food safety plan, offsite				
storage of records is permitted if such records				
can be retrieved and provided onsite within 24				
hours of request for official review. The food				
safety plan must remain onsite. Electronic				
records are considered to be onsite if they are				
accessible from an onsite location.				

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(d) If the plant or facility is closed for a				
prolonged period, the food safety plan may be				
transferred to some other reasonably accessible				
location but must be returned to the plant or				
facility within 24 hours for official review upon				
request.				
§ 117.320 Requirements for official review.				
All records required by this part must be made				
promptly available to a duly authorized				
representative of the Secretary of Health and				
Human Services for official review and copying				
upon oral or written request.				
Subpart G—Supply-Chain Program				
§ 117.405 Requirement to establish and				
implement a supply-chain program.				
(a)(1) Except as provided by paragraphs (a)(2)				
and (3) of this section, the receiving facility must				
establish and implement a risk-based supply-				
chain program for those raw materials and other				
ingredients for which the receiving facility has				
identified a hazard requiring a supply-chain-				
applied control.				
(2) A receiving facility that is an importer, is in				
compliance with the foreign supplier verification				
program requirements under part 1, subpart L of				
this chapter, and has documentation of				
verification activities conducted under §				
1.506(e) of this chapter (which provides				

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assurance that the hazards requiring a supply- chain-applied control for the raw material or other ingredient have been significantly minimized or prevented) need not conduct supplier verification activities for that raw				
<ul> <li>material or other ingredient.</li> <li>(3) The requirements in this subpart do not apply to food that is supplied for research or evaluation use, provided that such food:</li> </ul>				
<ul> <li>(i) Is not intended for retail sale and is not sold or distributed to the public;</li> <li>(ii) Is labeled with the statement "Food for research or evaluation use";</li> <li>(iii) Is cumplied in a small guantity.</li> </ul>				
<ul> <li>(iii) Is supplied in a small quantity</li> <li>that is consistent with a research, analysis, or</li> <li>quality assurance purpose, the food is used only</li> <li>for this purpose, and any unused quantity is</li> <li>properly disposed of; and</li> </ul>				
<ul> <li>(iv) Is accompanied with documents, in accordance with the practice of the trade, stating that the food will be used for research or evaluation purposes and cannot be sold or distributed to the public.</li> </ul>				
(b) The supply-chain program must be written.				
(c) When a supply-chain-applied control is applied by an entity other than the receiving facility's supplier (e.g., when a non-supplier applies controls to certain produce (i.e., produce				

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<ul> <li>covered by part 112 of this chapter)), because growing, harvesting, and packing activities are under different management), the receiving facility must:</li> <li>(1) Verify the supply-chain-applied control; or</li> <li>(2) Obtain documentation of an appropriate verification activity from another entity, review and assess the entity's applicable documentation, and document that review and</li> </ul>				
assessment. § 117.410 General requirements applicable to a supply-chain program.				
<ul> <li>(a) The supply-chain program must include:</li> <li>(1) Using approved suppliers as required by § 117.420;</li> </ul>				
(2) Determining appropriate supplier verification activities (including determining the frequency of conducting the activity) as required by § 117.425;				
(3) Conducting supplier verification activities as required by §§ 117.430 and 117.435;				
(4) Documenting supplier verification activities as required by § 117.475; and				
(5) When applicable, verifying a supply-chain- applied control applied by an entity other than the receiving facility's supplier and documenting that verification as required by § 117.475, or obtaining documentation of an appropriate				

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verification activity from another entity,				
reviewing and assessing that documentation,				
and documenting the review and assessment as				
required by § 117.475.				
(b) The following are appropriate supplier				
verification activities for raw materials and other				
ingredients:				
(1) Onsite audits;				
(2) Sampling and testing of the raw material or				
other ingredient;				
(3) Review of the supplier's relevant food safety				
records; and (4) Other appropriate supplier				
verification activities based on supplier				
performance and the risk associated with the				
raw material or other ingredient.				
(c) The supply-chain program must provide				
assurance that a hazard requiring a supply-				
chain-applied control has been significantly				
minimized or prevented.				
(d)(1) Except as provided by paragraph (d)(2) of				
this section, in approving suppliers and				
determining the appropriate supplier				
verification activities and the frequency with				
which they are conducted, the following must				
be considered:				
(i) The hazard analysis of the food, including the				
nature of the hazard controlled before receipt of				

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the raw material or other ingredient, applicable				
to the raw material and other ingredients;				
(ii) The entity or entities that will be applying				
controls for the hazards requiring a supply-				
chain-applied control;				
(iii) Supplier performance, including:				
(A) The supplier's procedures, processes, and				
practices related to the safety of the raw				
material and other ingredients;				
(B) Applicable FDA food safety regulations and				
information relevant to the supplier's				
compliance with those regulations, including an				
FDA warning letter or import alert relating to				
the safety of food and other FDA compliance				
actions related to food safety (or, when				
applicable, relevant laws and regulations of a				
country whose food safety system FDA has				
officially recognized as comparable or has				
determined to be equivalent to that of the				
United States, and information relevant to the				
supplier's compliance with those laws and				
regulations); and				
(C) The supplier's food safety history relevant to				
the raw materials or other ingredients that the				
receiving facility receives from the supplier,				
including available information about results				
from testing raw materials or other ingredients				
for hazards, audit results relating to the safety of				

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the food, and responsiveness of the supplier in				
correcting problems; and				
(iv) Any other factors as appropriate and				
necessary, such as storage and transportation				
practices.				
(2) Considering supplier performance can be				
limited to the supplier's compliance history as				
required by paragraph (d)(1)(iii)(B) of this				
section, if the supplier is: (i) A qualified facility as defined by § 117.3;				
(ii) A farm that grows produce and is not a				
covered farm under part 112 of this chapter in				
accordance with § 112.4(a), or in accordance				
with §§ 112.4(b) and 112.5; or				
(iii) A shell egg producer that is not subject to				
the requirements of part 118 of this chapter				
because it has less than 3,000 laying hens.				
(e) If the owner, operator, or agent in charge of				
a receiving facility determines through auditing,				
verification testing, document review, relevant				
consumer, customer or other complaints, or				
otherwise that the supplier is not controlling				
hazards that the receiving facility has identified				
as requiring a supply-chain-applied control, the				
receiving facility must take and document				
prompt action in accordance with § 117.150 to				
ensure that raw materials or other ingredients				
from the supplier do not cause food that is				

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manufactured or processed by the receiving				
facility to be adulterated under section 402 of				
the Federal Food, Drug, and Cosmetic Act or				
misbranded under section 403(w) of the Federal				
Food, Drug, and Cosmetic Act.				
§ 117.415 Responsibilities of the receiving				
facility.				
(a)(1) The receiving facility must approve suppliers.				
(2) Except as provided by paragraphs (a)(3) and				
(4) of this section, the receiving facility must				
determine and conduct appropriate supplier				
verification activities, and satisfy all				
documentation requirements of this subpart.				
(3) An entity other than the receiving facility				
may do any of the following, provided that the				
receiving facility reviews and assesses the				
entity's applicable documentation, and				
documents that review and assessment:				
(i) Establish written procedures for receiving raw				
materials and other ingredients by the entity;				
(ii) Document that written procedures for				
receiving raw materials and other ingredients				
are being followed by the entity; and				
(iii) Determine, conduct, or both determine and				
conduct the appropriate supplier verification				
activities, with appropriate documentation.				

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(4) The supplier may conduct and document sampling and testing of raw materials and other ingredients, for the hazard controlled by the supplier, as a supplier verification activity for a particular lot of product and provide such documentation to the receiving facility, provided that the receiving facility reviews and assesses that documentation, and documents that review and assessment.				
<ul> <li>(b) For the purposes of this subpart, a receiving facility may not accept any of the following as a supplier verification activity:</li> <li>(1) A determination by its supplier of the appropriate supplier verification activities for that supplier;</li> <li>(2) An audit conducted by its supplier;</li> <li>(3) A review by its supplier of that supplier's own relevant food safety records; or</li> <li>(4) The conduct by its supplier of other appropriate supplier verification activities for that supplier within the meaning of § 117.410(b)(4).</li> </ul>				
(c) The requirements of this section do not prohibit a receiving facility from relying on an audit provided by its supplier when the audit of the supplier was conducted by a third-party qualified auditor in accordance with §§ 117.430(f) and 117.435.				

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§ 117.420 Using approved suppliers.				
(a) Approval of suppliers. The receiving facility				
must approve suppliers in accordance with the				
requirements of § 117.410(d), and document				
that approval, before receiving raw materials				
and other ingredients received from those				
suppliers;				
(b) Written procedures for receiving raw				
materials and other ingredients. (1) Written				
procedures for receiving raw materials and				
other ingredients must be established and				
followed;				
(2) The written procedures for receiving raw				
materials and other ingredients must ensure				
that raw materials and other ingredients are				
received only from approved suppliers (or, when				
necessary and appropriate, on a temporary basis				
from unapproved suppliers whose raw materials				
or other ingredients are subjected to adequate				
verification activities before acceptance for use);				
and				
(3) Use of the written procedures for receiving				
raw materials and other ingredients must be				
documented.				
§ 117.425 Determining appropriate supplier				
verification activities (including determining				
the frequency of conducting the activity).				

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Appropriate supplier verification activities (including the frequency of conducting the activity) must be determined in accordance with				
the requirements of § 117.410(d).				
§ 117.430 Conducting supplier verification				
activities for raw materials and other				
ingredients.				
(a) Except as provided by paragraph (c), (d), or				
(e) of this section, one or more of the supplier				
verification activities specified in § 117.410(b),				
as determined under § 117.410(d), must be				
conducted for each supplier before using the				
raw material or other ingredient from that				
supplier and periodically thereafter.				
(b)(1) Except as provided by paragraph (b)(2) of				
this section, when a hazard in a raw material or				
other ingredient will be controlled by the				
supplier and is one for which there is a				
reasonable probability that exposure to the hazard will result in serious adverse health				
consequences or death to humans:				
(i) The appropriate supplier verification activity				
is an onsite audit of the supplier; and (ii) The audit must be conducted before using				
the raw material or other ingredient from the				
supplier and at least annually thereafter.				
(2) The requirements of paragraph (b)(1) of this				
section do not apply if there is a written				
section do not apply if there is a writtell				

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determination that other verification activities and/or less frequent onsite auditing of the supplier provide adequate assurance that the hazards are controlled.				
<ul> <li>(c) If a supplier is a qualified facility as defined by § 117.3, the receiving facility does not need to comply with paragraphs (a) and (b) of this section if the receiving facility:</li> <li>(1) Obtains written assurance that the supplier is</li> </ul>				
<ul> <li>(i) Obtains written assurance that the supplier is a qualified facility as defined by § 117.3:</li> <li>(i) Before first approving the supplier for an applicable calendar year; and</li> <li>(ii) On an annual basis thereafter, by December</li> </ul>				
<ul> <li>(ii) On an annual basis thereafter, by becember</li> <li>31 of each calendar year, for the following calendar year; and</li> <li>(2) Obtains written assurance, at least every 2</li> </ul>				
years, that the supplier is producing the raw material or other ingredient in compliance with applicable FDA food safety regulations (or, when applicable, relevant laws and regulations of a				
country whose food safety system FDA has officially recognized as comparable or has determined to be equivalent to that of the United States).				
The written assurance must include either: (i) A brief description of the preventive controls that the supplier is implementing to control the applicable hazard in the food; or				

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(ii) A statement that the facility is in compliance				
with State, local, county, tribal, or other				
applicable non-Federal food safety law,				
including relevant laws and regulations of				
foreign countries.				
(d) If a supplier is a farm that grows produce and				
is not a covered farm under part 112 of this				
chapter in accordance with § 112.4(a), or in				
accordance with §§ 112.4(b) and 112.5, the				
receiving facility does not need to comply with				
paragraphs (a) and (b) of this section for				
produce that the receiving facility receives from				
the farm as a raw material or other ingredient if				
the receiving facility:				
(1) Obtains written assurance that the raw				
material or other ingredient provided by the				
supplier is not subject to part 112 of this chapter				
in accordance with § 112.4(a), or in accordance				
with §§ 112.4(b) and 112.5:				
(i) Before first approving the supplier for an				
applicable calendar year; and				
(ii) On an annual basis thereafter, by December				
31 of each calendar year, for the following				
calendar year; and				
(2) Obtains written assurance, at least every 2				
years, that the farm				
acknowledges that its food is subject to section				
402 of the Federal Food, Drug, and Cosmetic Act				

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(or, when applicable, that its food is subject to				
relevant laws and regulations of a country				
whose food safety system FDA has officially				
recognized as comparable or has determined to				
be equivalent to that of the United States).				
(e) If a supplier is a shell egg producer that is not				
subject to the requirements of part 118 of this				
chapter because it has less than 3,000 laying				
hens, the receiving facility does not need to				
comply with paragraphs (a) and (b) of this				
section if the receiving facility:				
(1) Obtains written assurance that the shell eggs				
produced by the supplier are not subject to part				
118 because the shell egg producer has less than				
3,000 laying hens:				
(i) Before first approving the supplier for an				
applicable calendar year; and				
(ii) On an annual basis thereafter, by December				
31 of each calendar year, for the following				
calendar year; and				
(2) Obtains written assurance, at least every 2				
years, that the shell egg producer acknowledges				
that its food is subject to section 402 of the				
Federal Food, Drug, and Cosmetic Act (or, when				
applicable, that its food is subject to relevant				
laws and regulations of a country whose food				
safety system FDA has officially recognized as				

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comparable or has determined to be equivalent to that of the United States).				
(f) There must not be any financial conflicts of interests that influence the results of the				
verification activities listed in § 117.410(b) and payment must not be related to the results of				
the activity.				
§ 117.435 Onsite audit.				
(a) An onsite audit of a supplier must be performed by a qualified auditor.				
(b) If the raw material or other ingredient at the				
supplier is subject to one or more FDA food				
safety regulations, an onsite audit must consider				
such regulations and include a review of the				
supplier's written plan (e.g., Hazard Analysis and				
Critical Control Point (HACCP) plan or other food				
safety plan), if any, and its implementation, for				
the hazard being controlled (or, when				
applicable, an onsite audit may consider				
relevant laws and regulations of a country				
whose food safety system FDA has officially				
recognized as comparable or has determined to				
be equivalent to that of the United States).				
(c)(1) The following may be substituted for an				
onsite audit, provided that the inspection was				
conducted within 1 year of the date that the				
onsite audit would have been required to be				
conducted:				

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(i) The written results of an appropriate				
inspection of the supplier for compliance with				
applicable FDA food safety regulations by FDA,				
by representatives of other Federal Agencies				
(such as the United States Department of				
Agriculture), or by representatives of State,				
local, tribal, or territorial agencies; or				
(ii) For a foreign supplier, the written results of				
an inspection by FDA or the food safety				
authority of a country whose food safety system				
FDA has officially recognized as comparable or				
has determined to be equivalent to that of the				
United States.				
(2) For inspections conducted by the food safety				
authority of a country whose food safety system				
FDA has officially recognized as comparable or				
determined to be equivalent, the food that is				
the subject of the onsite audit must be within				
the scope of the official recognition or				
equivalence determination, and the foreign				
supplier must be in, and under the regulatory				
oversight of, such country.				
(d) If the onsite audit is solely conducted to				
meet the requirements of this subpart by an				
audit agent of a certification body that is				
accredited in accordance with regulations in part				
1, subpart M of this chapter, the audit is not				

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subject to the requirements in those regulations.				
§ 117.475 Records documenting the supply- chain program.				
(a) The records documenting the supply-chain program are subject to the requirements of subpart F of this part.				
(b) The receiving facility must review the records listed in paragraph (c) of this section in accordance with § 117.165(a)(4).				
<ul> <li>(c) The receiving facility must document the following in records as applicable to its supply-chain program:</li> <li>(1) The written supply-chain program;</li> </ul>				
<ul> <li>(1) The written supply-chain program,</li> <li>(2) Documentation that a receiving facility that is an importer is in compliance with the foreign supplier verification program requirements under part 1, subpart L of this chapter, including documentation of verification activities conducted under § 1.506(e) of this chapter;</li> </ul>				
(3) Documentation of the approval of a supplier;				
(4) Written procedures for receiving raw materials and other ingredients;				
(5) Documentation demonstrating use of the written procedures for receiving raw materials and other ingredients;				

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(6) Documentation of the determination of the				
appropriate supplier verification activities for				
raw materials and other ingredients;				
(7) Documentation of the conduct of an onsite				
audit. This documentation must include:				
(i) The name of the supplier subject to the onsite				
audit;				
(ii) Documentation of audit procedures;				
(iii) The dates the audit was conducted;				
(iv) The conclusions of the audit;				
(v) Corrective actions taken in response to				
significant deficiencies identified during the				
audit; and				
(vi) Documentation that the audit was				
conducted by a qualified auditor;				
(8) Documentation of sampling and testing				
conducted as a supplier verification activity. This				
documentation must include:				
(i) Identification of the raw material or other				
ingredient tested (including lot number, as				
appropriate) and the number of samples tested;				
(ii) Identification of the test(s) conducted,				
including the analytical method(s) used;				
(iii) The date(s) on which the test(s) were				
conducted and the date of the report;				
(iv) The results of the testing;				
(v) Corrective actions taken in response to				
detection of hazards; and				

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(vi) Information identifying the laboratory conducting the testing;				
<ul> <li>(9) Documentation of the review of the supplier's relevant food safety records. This documentation must include:</li> <li>(i) The name of the supplier whose records were reviewed;</li> <li>(ii) The date(s) of review;</li> <li>(iii) The general nature of the records reviewed;</li> <li>(iv) The conclusions of the review; and</li> <li>(v) Corrective actions taken in response to significant deficiencies identified during the review;</li> </ul>				
(10) Documentation of other appropriate supplier verification activities based on the supplier performance and the risk associated with the raw material or other ingredient;				
(11) Documentation of any determination that verification activities other than an onsite audit, and/or less frequent onsite auditing of a supplier, provide adequate assurance that the hazards are controlled when a hazard in a raw material or other ingredient will be controlled by the supplier and is one for which there is a reasonable probability that exposure to the hazard will result in serious adverse health consequences or death to humans;				

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<ul> <li>(12) The following documentation of an alternative verification activity for a supplier that is a qualified facility:</li> <li>(i) The written assurance that the supplier is a qualified facility as defined by § 117.3, before approving the supplier and on an annual basis thereafter; and</li> <li>(ii) The written assurance that the supplier is producing the raw material or other ingredient in compliance with applicable FDA food safety regulations (or, when applicable, relevant laws and regulations of a country whose food safety system FDA has officially recognized as comparable or has determined to be equivalent to that of the United States);</li> </ul>				
<ul> <li>(13) The following documentation of an alternative verification activity for a supplier that is a farm that supplies a raw material or other ingredient and is not a covered farm under part 112 of this chapter:</li> <li>(i) The written assurance that supplier is not a covered farm under part 112 of this chapter in accordance with § 112.4(a), or in accordance with §§ 112.4(b) and 112.5, before approving the supplier and on an annual basis thereafter; and</li> <li>(ii) The written assurance that the farm acknowledges that its food is subject to section</li> </ul>				

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402 of the Federal Food, Drug, and Cosmetic Act				
(or, when applicable, that its food is subject to				
relevant laws and regulations of a country				
whose food safety system FDA has officially				
recognized as comparable or has determined to				
be equivalent to that of the United States);				
(14) The following documentation of an				
alternative verification activity for a supplier				
that is a shell egg producer that is not subject to				
the requirements established in part 118 of this				
chapter because it has less than 3,000 laying				
hens:				
(i) The written assurance that the shell eggs				
provided by the supplier are not subject to part				
118 of this chapter because the supplier has less				
than 3,000 laying hens, before approving the				
supplier and on an annual basis thereafter; and				
(ii) The written assurance that the shell egg				
producer acknowledges that its food is subject				
to section 402 of the Federal Food, Drug, and				
Cosmetic Act (or, when applicable, that its food				
is subject to relevant laws and regulations of a				
country whose safety system FDA has officially				
recognized as comparable or has determined to				
be equivalent to that of the United States);				
(15) The written results of an appropriate				
inspection of the supplier for compliance with				
applicable FDA food safety regulations by FDA,				

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by representatives of other Federal Agencies				
(such as the United States Department of				
Agriculture), or by representatives from State,				
local, tribal, or territorial agencies, or the food				
safety authority of another country when the				
results of such an inspection is substituted for				
an onsite audit;				
(16) Documentation of actions taken with				
respect to supplier nonconformance;				
(17) Documentation of verification of a supply-				
chain-applied control applied by an entity other				
than the receiving facility's supplier; and				
(18) When applicable, documentation of the				
receiving facility's review and assessment of:				
(i) Applicable documentation from an entity				
other than the receiving facility that written				
procedures for receiving raw materials and				
other ingredients are being followed;				
(ii) Applicable documentation, from an entity				
other than the receiving facility, of the				
determination of the appropriate supplier				
verification activities for raw materials and other				
ingredients;				
(iii) Applicable documentation, from an entity				
other than the receiving facility, of conducting				
the appropriate supplier verification activities				
for raw materials and other ingredients;				

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<ul> <li>(iv) Applicable documentation, from its supplier, of:</li> <li>(A) The results of sampling and testing conducted by the supplier; or</li> <li>(B) The results of an audit conducted by a thirdparty qualified auditor in accordance with §§ 117.430(f) and 117.435; and</li> <li>(v) Applicable documentation, from an entity other than the receiving facility, of verification activities when a supply-chain-applied control is applied by an entity other than the receiving facility's supplier.</li> </ul>				