AUDIT STANDARDS COMPARISON TO THE FDA ACIDIFIED FOODS REGULATION

NOTE: This template does not include certain requirements that may be pertinent to determining compliance with 21 CFR Part 114 and Part 108 (e.g., definitions and certain emergency permit procedures in 21 CFR part 108). "Shall" is used to state mandatory requirements. "Should" is used to state recommended or advisory procedures or to identify recommended equipment. In addition to meeting these requirements, processors of foods intended for consumption in the U.S. are also required to comply with any other pertinent FDA regulatory requirements outside the elements included in the template (e.g., applicable requirements in 21 CFR part 117 and emergency permit procedures in 21 CFR part 108 subpart A, as applicable).

PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
Subpart A—General Provisions				
§114.5 Current good manufacturing practice.				
The criteria in 21 CFR §§114.10, 114.80, 114.83, 114.89, and 114.100, as well as the criteria in 21 CFR parts 110 and 117, apply in determining whether an article of acidified food is adulterated:				Acidified food processors are subject to the requirements of 21 CFR 117 subparts A, B, C, D, E, F, and G.
(a) Within the meaning of section 402(a)(3) of the Federal Food, Drug, and Cosmetic Act in that it has been manufactured under such conditions that it is unfit for food; or				
(b) Within the meaning of section 402(a)(4) of the Federal Food, Drug, and Cosmetic Act in that it has been prepared, packed, or held under insanitary conditions whereby it may have become contaminated with filth, or whereby it may have been rendered injurious to health.				
§114.10 Personnel.				

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PART 114—ACIDIFIED FOODS	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
All operators of processing and packaging systems shall be under the operating supervisions of a person who has attended a school approved by the Commissioner for giving instruction in food-handling techniques, food-protection principles, personal hygiene and plant sanitation practices, pH controls and critical factors in acidification, and who has been identified by that school as having satisfactorily completed the prescribed course of instruction. The Commissioner will consider students who have satisfactorily completed the required portions of the courses presented under 21 CFR §108.35 and 21 CFR 113 before March 16, 1979, to be in compliance with the requirement of 21 CFR 114.10.				
Subpart E—Production and Process Controls				
§114.80 Processes and controls.				
(a) *Processing operations*. The manufacturer shall employ appropriate quality control procedures to ensure that finished foods do not present a health hazard.				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(1) Acidified foods shall be so manufactured, processed, and packaged that a finished equilibrium pH value of 4.6 or lower is achieved within the time designated in the scheduled process and maintained in all finished foods. Manufacturing shall be in accordance with the scheduled process. Acidified foods shall be thermally processed to an extent that is sufficient to destroy the vegetative cells of microorganisms of public health significance and those of non-health significance capable of reproducing in the food under the conditions in which the food is stored, distributed, retailed and held by the user. Permitted preservatives may be used to inhibit reproduction of microorganisms of non-health significance (in lieu of thermal processing).				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(2) Sufficient control, including frequent testing and recording of results, shall be exercised so that the finished equilibrium pH values for acidified foods are not higher than 4.6. Measurement of acidity of foods in-process may be made by potentiometric methods, titratable acidity, or colorimetric methods. If the finished equilibrium pH of the food is above 4.0, the measurement of the finished equilibrium pH shall be by a potentiometric method, and the in-process measurements by titration or colorimetry shall be related to the finished equilibrium pH. If the finished equilibrium pH is 4.0 or below, then the measurement of acidity of the final product may be made by any suitable method. Special care should be taken when food ingredients have been subjected to lye, lime, or similar high pH materials.				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(3) Procedures for acidification to attain acceptable equilibrium pH levels in the final food include, but are not limited to, the following: (i) Blanching of the food ingredients in acidified aqueous solutions. (ii) Immersion of the blanched food in acid solutions. Although immersion of food in an acid solution is a satisfactory method for acidification, care must be taken to ensure that the acid concentration is properly maintained. (iii) Direct batch acidification, which can be achieved by adding a known amount of an acid solution to a specified amount of food during acidification. (iv) Direct addition of a predetermined amount of acid to individual containers during production. Liquid acids are generally more effective than solid or pelleted acids. Care must be taken to ensure that the proper amount of acid is added to each container. (v) Addition of acid foods to low-acid foods in controlled proportions to conform to specific formulations.				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(4) Testing and examinations of containers shall occur often enough to ensure that the container suitably protects the food from leakage or contamination.				
(b) *Coding*. Each container or product shall be marked with an identifying code permanently visible to the naked eye. If the container does not permit the code to be embossed or inked, the label may be legibly perforated or otherwise marked, as long as the label is securely affixed to the product container. The required identification shall specify in code the establishment where the product was packed, the product contained therein, and the year, day, and period during which it was packed. The packing period code shall be changed often enough to enable ready identification of lots during their sale and distribution. Codes may be changed periodically on one of the following bases: intervals of 4 to 5 hours; personnel shift changes; or batches, as long as the containers constituting the batch do not represent those processed during more than one personnel shift.				
§114.83 Establishing scheduled processes.				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
The scheduled process shall be established by a qualified person who has expert knowledge acquired through appropriate training and experience in the acidification and processing of acidified foods.				
§114.89 Deviations from scheduled processes.				

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Whenever any process operation deviates from the scheduled process for any acidified food and/or the equilibrium pH of the finished product is higher than 4.6, the commercial processor of the acidified food shall either: (a) Fully reprocess that portion of the food by a process established by a competent processing authority as adequate to ensure a safe product; (b) thermally process it as a low-acid food under 21 CFR 113 ; or (c) set aside that portion of the food involved for further evaluation as to any potential public health significance. The evaluation shall be made by a competent processing authority and shall be in accordance with procedures recognized by competent processing authorities as being adequate to detect any potential hazard to public health. Unless the evaluation demonstrates that the food has undergone a process that has rendered it safe, the food set aside shall either be fully reprocessed to render it safe, or be destroyed. A record shall be made of the procedures used in the evaluation and the results. Either upon completion of full reprocessing and the attainment of a safe food, or after the determination that no significant potential for public health hazard exists, that portion of the food involved may be shipped in normal				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
distribution. Otherwise, the portion of the food involved shall be destroyed.				
§114.90 Methodology.				
Methods that may be used to determine pH or acidity for acidified foods include, but are not limited to, the following:				
(a) *Potentiometric method for the determination of pH* --(1) *Principles.* The term "pH" is used to designate the intensity or degree of acidity. The value of pH, the logarithm of the reciprocal of the hydrogen ion concentration in solution, is determined by measuring the difference in potential between two electrodes immersed in a sample solution. A suitable system consists of a potentiometer, a glass electrode, and a reference electrode. A precise pH determination can be made by making an electromotive force (emf) measurement of a standard buffer solution whose pH is known, and then comparing that measurement to an emf measurement of a sample of the solution to be tested.				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(2) *Instruments.* The primary instrument for use in pH determination is the pH meter or potentiometer. For most work, an instrument with a direct-reading pH scale is necessary. Battery and line-operated instruments are available commercially. If the line voltage is unstable, line-operated instruments should be fitted with voltage regulators to eliminate drifting of meter-scale readings. Batteries should be checked frequently to ensure proper operation of battery operated instruments. An instrument using an expanded unit scale or a digital readout system is preferred since it allows more precise measurements.				

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(3) *Electrodes.* The typical pH meter is equipped with a glass membrane electrode and a reference electrode or a single probe combination electrode. Various types of electrodes designed for specific uses are available. The most commonly used reference electrode is the calomel electrode, which incorporates a salt bridge filled with saturated potassium chloride solution. (i) *Care and use of electrodes.* Calomel electrodes should be kept filled with saturated potassium chloride solution or other solution specified by the manufacturer because they may become damaged if they are allowed to dry out. For best results, electrodes should be soaked in buffer solution, distilled or deionized water, or other liquid specified by the manufacturer for several hours before using and kept ready by storing with tips immersed in distilled water or in buffer solution used for standardization. Electrodes should be rinsed with water before immersing in the standard buffers and rinsed with water or the solution to be measured next between sample determinations. A lag in meter response may indicate aging effects or fouling of the electrodes, and cleaning and rejuvenation of the electrodes may be necessary and may be accomplished by placing the electrodes in 0.1				

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molar sodium hydroxide solution for 1 minute and then transferring them to 0.1 molar hydrochloric acid solution for 1 minute. The cycle should be repeated two times, ending with the electrodes in the acid solution. The electrodes should then be thoroughly rinsed with water and blotted with soft tissue before proceeding with the standardization. (ii) *Temperature.* To obtain accurate results, a uniform temperature should be maintained for the electrodes, the standard buffer solutions, and the samples. Tests should be made at a temperature between 20deg. and 30 deg. C, the optimum being 25 deg. C. Any temperature determinations made without meter compensation may affect pH values. An automatic temperature compensator may be used. (iii) *Accuracy.* The accuracy of most pH meters is stated to be approximately 0.1 pH unit, and reproducibility is usually +/-0.05 pH unit or less. Some meters permit the expansion of any pH unit range to cover the entire scale and have an accuracy of approximately +/-0.01 pH unit and a reproducibility of +/-0.005 pH units.				
(4) *General procedure for determining pH.* When operating an instrument, the operator should				

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use the manufacturer's instructions and should observe the following techniques for pH determinations: (i) Switch the instrument on and allow the electronic components to warm up and stabilize before proceeding. (ii) Standardize the instrument and electrodes with commercially prepared standard 4.0 pH buffer or with freshly prepared 0.05 molar potassium acid phthalate buffer solution prepared as outlined in "Official Methods of Analysis of the Association of Official Analytical Chemists" (AOAC), 13th Ed. (1980), section 50.007(c), under "Buffer Solutions for Calibration of pH Equipment--Official Final Action," which is incorporated by reference. Copies may be obtained from the AOAC INTERNATIONAL, 481 North Frederick Ave., suite 500, Gaithersburg, MD 20877, or may be examined at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html. Note the temperature of the buffer solution and set the temperature compensator control at the				

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observed temperature (room temperature is near 25 deg. C). (iii) Rinse the electrodes with water and blot, but do not wipe, with soft tissue. (iv) Immerse the tips in the buffer solution and take the pH reading, allowing about 1 minute for the meter to stabilize. Adjust the standardization control so that the meter reading corresponds to the pH of the known buffer (for example, 4.0) for the temperature observed. Rinse the electrodes with water and blot with soft tissue. Repeat procedure with fresh portions of buffer solution until the instrument remains in balance on two successive trials. To check the operation of the pH meter, check the pH reading using another standard buffer such as one having a pH of 7.0, or check it with freshly prepared 0.025 molar phosphate solution prepared as outlined in the AOAC, 13th Ed. (1980), section 50.007(e), which is incorporated by reference. The availability of this incorporation by reference is given in paragraph (a)(4)(ii) of 21 CFR 114.90. Expanded scale pH meters may be checked with pH 3.0 or pH 5.0 standard buffers. Buffers and instruments can be further checked by				

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comparison with values obtained with a second properly standardized instrument. (v) Indicating electrodes may be checked for proper operation by first using an acid buffer and then a base buffer. First standardize the electrodes using a pH 4.0 buffer at or near 25 deg. C. Standardization control should be adjusted so that the meter reads exactly 4.0. Electrodes should be rinsed with water, then blotted and immersed in a pH 9.18 borax buffer prepared as outlined in the AOAC, 13th Ed. (1980), section 50.007(f), which is incorporated by reference. The availability of this incorporation by reference is given in paragraph (a)(4)(ii) of 21 CFR 114.90. The pH reading should be within +/-0.3 units of the 9.18 value. (vi) The pH meter can be tested for proper operation by shorting the glass and reference electrode inputs, thereby reducing the voltage to zero. In some meters this shorting is done by switching the instrument to standby, and in other instruments by use of a shorting strap. With the instrument shorted out, standardization control should be turned from one extreme to another. This operation should produce a deflection greater than +/-1.5 pH unit from center scale.				

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(5) *Determining pH on samples.* (i) Adjust the temperature of the sample to room temperature (25 deg. C), and set the temperature compensator control to the observed temperature. With some expanded scale instruments, the sample temperature must be the same as the temperature of the buffer solution used for the standardization. (ii) Rinse and blot the electrodes. Immerse the electrodes in the sample and take the pH reading, allowing 1 minute for the meter to stabilize. Rinse and blot the electrodes and repeat on a fresh portion of sample. Oil and grease from the samples may coat the electrodes; therefore, it is advisable to clean and standardize the instrument frequently. When oily samples cause fouling problems, it may become necessary to rinse the electrodes with ethyl ether. (iii) Determine two pH values on the well-mixed sample. These readings should agree with one another to indicate that the sample is homogeneous. Report values to the nearest 0.05 pH unit.				
(6) *Preparation of samples.* Some food products may consist of a mixture of liquid and solid components that differ in acidity. Other food				

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products may be semisolid in character. The following are examples of preparation procedures for pH testing for each of these categories: (i) *Liquid and solid component mixtures.* Drain the contents of the container for 2 minutes on a U.S. standard No. 8 sieve (preferably stainless steel) inclined at a 17- to 20-degree angle. Record weight of the liquid and solid portions and retain each portion separately. (*a*) If the liquid contains sufficient oil to cause electrode fouling, separate the layers with a separatory funnel and retain the aqueous layer. The oil layer may be discarded. Adjust the temperature of the aqueous layer to 25 deg. C and determine its pH. (*b*) Remove the drained solids from the sieve, blend to a uniform paste, adjust the temperature of the paste to 25 deg. C and determine its pH. (*c*) Mix aliquots of solid and liquid fractions in the same ratio as found in the original container and blend to a uniform consistency. Adjust the temperature of the blend to 25 deg. C and determine the equilibriated pH. Alternatively,				

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blend the entire contents of the container to a uniform paste, adjust the temperature of the paste to 25 deg. C, and determine the equilibriated pH. (ii) *Marinated oil products.* Separate the oil from the solid product. Blend the solid in a blender to a paste consistency; it may become necessary to add a small amount of distilled water to some samples to facilitate the blending. A small amount of added water will not alter the pH of most food products, but caution must be exercised concerning poorly buffered foods. No more than 20 milliliters of distilled water should be added to each 100 grams of product. Determine the pH by immersing electrodes in the prepared paste after adjusting the temperature to 25 deg. C. (iii) *Semisolid products.* Food products of a semisolid consistency, such as puddings, potato salad, etc., may be blended to a paste consistency, and the pH may be determined on the prepared paste. If more fluidity is required, 10 to 20 milliliters of distilled water may be added to 100 grams of product. Adjust the temperature of the prepared paste to 25 deg. C and determine its pH.				

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(iv) *Special product mixtures.* For special product mixtures such as antipasto, pour off the oil, blend the remaining product to a paste, and determine the pH of the blended paste. If more fluidity is required, add 10 to 20 milliliters of distilled water to each 100 grams of product and blend. Adjust the temperature of the prepared paste to 25 deg. C and determine its pH.				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(7) *Process pH determination.* Obtain sample portions of material for pH determination. (i) For process liquids, adjust the temperature of the liquid to 25 deg. C and determine the pH by immersing the electrodes in the liquid. (ii) Drain solid materials on a sieve and blend to a workable paste. Adjust the temperature of the prepared paste to 25 deg. C and determine its pH. (iii) If enough solid materials are available to make a paste, blend representative aliquots of liquid and solid materials to a workable paste. Adjust the temperature of the prepared paste to 25 deg. C and determine the equilibrated pH. Alternatively, blend the entire contents of the container to a uniform paste, adjust the temperature of the paste to 25 deg. C, and determine the equilibrated pH.				
(b) *Colorimetric methods for the determination of pH.* This method may be used in lieu of the potentiometric method if the pH is 4.0 or lower.				

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PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(1) *Principle.* The colorimetric method for pH involves the use of indicator dyes in solutions that gradually change color over limited pH ranges. An indicator that has the greatest color change at approximately the pH of the sample being tested is selected. The pH is determined by the color of the indicator when exposed to the sample under test.				
(2) *Indicator solutions.* Most indicator solutions are prepared as a 0.04 percent solution of the indicator dye in alcohol. In testing, a few drops of indicator solution are added to 10-milliliter portions of the sample solution. Colors should be compared using a bright background. Approximate determinations can be made on white porcelain spot plates, the test colors being compared thereon with a set of color standards. More accurate colorimetric tests can be made using a comparator block fitted with sets of tubes of standard indicator solutions of known pH.				

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(3) *Indicator paper.* A paper tape treated with indicator dye is dipped into the sample solution. Depending upon the pH of the solution, the tape will change color and an approximate pH can be determined by comparison with a standard color chart.				
(c) *Titratable acidity.* Acceptable methods for determining titratable acidity are described in the AOAC, 13th Ed. (1980), section 22.060, under "Titratable Acidity--Official Final Action," for "Indicator Method," and section 22.061 for "Glass Electrode Method--Official Final Action," which is incorporated by reference. The availability of this incorporation by reference is given in paragraph (a)(4)(ii) of 21 CFR 114.90. The procedure for preparing and standardizing the sodium hydroxide solution is described in the AOAC, 13th Ed. (1980), sections 50.032-50.035, under "Sodium Hydroxide--Official Final Action" by the "Standard Potassium Hydroxide Phthalate Method," which is also incorporated by reference and available as set forth in paragraph (a)(4)(ii) of 21 CFR 114.90.				
Subpart F—Records and Reports				
§114.100 Records.				

NOTE: This template does not include certain requirements that may be pertinent to determining compliance with 21 CFR Part 114 and Part 108 (e.g., definitions and certain emergency permit procedures in 21 CFR part 108). "Shall" is used to state mandatory requirements. "Should" is used to state recommended or advisory procedures or to identify recommended equipment. In addition to meeting these requirements, processors of foods intended for consumption in the U.S. are also required to comply with any other pertinent FDA regulatory requirements outside the elements included in the template (e.g., applicable requirements in 21 CFR part 117 and emergency permit procedures in 21 CFR part 108 subpart A, as applicable).

PART 114—ACIDIFIED FOODS	Audit Standard Language	Analysis of Alignment of Audit Standard	Description of Gaps and Actions to Align	Additional Comments
(a) Records shall be maintained of examinations of raw materials, packaging materials, and finished products, and of suppliers' guarantees or certifications that verify compliance with Food and Drug Administration regulations and guidance documents or action levels.				
(b) Processing and production records showing adherence to scheduled processes, including records of pH measurements and other critical factors intended to ensure a safe product, shall be maintained and shall contain sufficient additional information such as product code, date, container size, and product, to permit a public health hazard evaluation of the processes applied to each lot, batch, or other portion of production.				
(c) All departures from scheduled processes having a possible bearing on public health or the safety of the food shall be noted and the affected portion of the product identified; these departures shall be recorded and made the subject of a separate file (or log identifying the appropriate data) delineating them, the action taken to rectify them, and the disposition of the portion of the product involved.				

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PART 114—ACIDIFIED FOODS	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
(d) Records shall be maintained identifying initial distribution of the finished product to facilitate, when necessary, the segregation of specific food lots that may have become contaminated or otherwise unfit for their intended use.				
(e) Copies of all records provided for in paragraphs (b), (c), and (d) of 21 CFR 114.100 shall be retained at the processing plant or other reasonably accessible location for a period of 3 years from the date of manufacture.				

TITLE 21—FOOD AND DRUGS **CHAPTER 1** **SUBCHAPTER B** **PART 108—EMERGENCY PERMIT CONTROL**	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
Subpart B—SPECIFIC REQUIREMENTS AND CONDITIONS FOR EXEMPTION FROM OR COMPLIANCE WITH AN EMERGENCY PERMIT				
§108.25 Acidified foods.				
(c)(1) *Registration*. A commercial processor, when first engaging in the manufacture, processing, or packing of acidified foods in any				

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TITLE 21—FOOD AND DRUGS **CHAPTER 1** **SUBCHAPTER B** **PART 108—EMERGENCY PERMIT CONTROL**	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
State, as defined in section 201(a)(1) of the act, shall, not later than 10 days after first so engaging, register and file with the Food and Drug Administration on Form FDA 2541 (food canning establishment registration) information including, but not limited to, the name of the establishment, principal place of business, the location of each establishment in which that processing is carried on, the processing method in terms of acidity and pH control, and a list of foods so processed in each establishment. These forms are available from the LACF Registration Coordinator (HFS-303), Center for Food Safety and Applied Nutrition, Food and Drug Administration, 5001 Campus Dr., College Park, MD 20740, or at any Food and Drug Administration district office. The completed form shall be submitted to the Center for Food Safety and Applied Nutrition (HFS-565), Food and Drug Administration, 5001 Campus Dr., College Park, MD 20740. These forms also are available on the Food and Drug Administration's Web site at				

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TITLE 21—FOOD AND DRUGS **CHAPTER 1** **SUBCHAPTER B** **PART 108—EMERGENCY PERMIT CONTROL**	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
http://www.fda.gov/Food/GuidanceRegulation/FoodFacilityRegistration/AcidifiedLACFRegistration/ucm2007436.htm. For electronic submission go to FDA's Industry Systems Web site at www.access.fda.gov. Foreign processors shall register before any offering of foods for import into the United States. Commercial processors duly registered under 21 CFR 108.25 shall notify the Food and Drug Administration not later than 90 days after the commercial processor ceases or discontinues the manufacture, processing, or packing of the foods in any establishment, except that this notification shall not be required for temporary cessations due to the seasonal character of an establishment's production or by temporary conditions including, but not limited to, labor disputes, fire, or acts of God.				
(2) *Process filing*. A commercial processor engaged in the processing of acidified foods shall, not later than 60 days after registration, and before packing any new product, provide the Food and Drug Administration information				

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TITLE 21—FOOD AND DRUGS **CHAPTER 1** **SUBCHAPTER B** **PART 108—EMERGENCY PERMIT CONTROL**	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
on the scheduled processes including, as necessary, conditions for heat processing and control of pH, salt, sugar, and preservative levels and source and date of the establishment of the process, for each acidified food in each container size. Filing of this information does not constitute approval of the information by the Food and Drug Administration, and information concerning processes and other data so filed shall be regarded as trade secrets within the meaning of 21 U.S.C. 331(j) and 18 U.S.C. 1905. This information shall be submitted on Form FDA 2541e (Food Process Filing for Acidified Method). Forms are available from the LACF Registration Coordinator (HFS-303), Center for Food Safety and Applied Nutrition, Food and Drug Administration, 5001 Campus Dr., College Park, MD 20740, or at any Food and Drug Administration district office. The completed form shall be submitted to the LACF Registration Coordinator (HFS-618), Center for Food Safety and Applied Nutrition, Food and Drug Administration, 5001 Campus Dr., College Park,				

NOTE: This template does not include certain requirements that may be pertinent to determining compliance with 21 CFR Part 114 and Part 108 (e.g., definitions and certain emergency permit procedures in 21 CFR part 108). "Shall" is used to state mandatory requirements. "Should" is used to state recommended or advisory procedures or to identify recommended equipment. In addition to meeting these requirements, processors of foods intended for consumption in the U.S. are also required to comply with any other pertinent FDA regulatory requirements outside the elements included in the template (e.g., applicable requirements in 21 CFR part 117 and emergency permit procedures in 21 CFR part 108 subpart A, as applicable).

TITLE 21—FOOD AND DRUGS **CHAPTER 1** **SUBCHAPTER B** **PART 108—EMERGENCY PERMIT CONTROL**	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
MD 20740. These forms also are available on the Food and Drug Administration's Web site at http://www.fda.gov/Food/GuidanceRegulation/FoodFacilityRegistration/AcidifiedLACFRegistration/ucm2007436.htm. For electronic submission go to FDA's Industry Systems Web site at www.access.fda.gov.				
(3) *Process adherence and information*—(i) Scheduling. A commercial processor engaged in processing acidified foods in any registered establishment shall process each food in conformity with at least the scheduled processes filed under paragraph (c)(2) of 21 CFR 108.25.				
(d) A commercial processor engaged in the processing of acidified foods shall promptly report to the Food and Drug Administration any instance of spoilage, process deviation, or contamination with microorganisms, the nature of which has potential health-endangering significance, where any lot of such food has in whole or in part entered distribution in commerce.				

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TITLE 21—FOOD AND DRUGS **CHAPTER 1** **SUBCHAPTER B** **PART 108—EMERGENCY PERMIT CONTROL**	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
(e) A commercial processor engaged in the processing of acidified foods shall prepare and maintain files on a current procedure for use for products under the processor's control, which that processor will ask the distributor to follow, including plans for recalling products that may be injurious to health; for identifying, collecting, warehousing, and controlling products; for determining the effectiveness of recalls; for notifying the Food and Drug Administration of any recalls; and for implementing recall programs.				
(f) All plant personnel involved in acidification, pH control, heat treatment, or other critical factors of the operation shall be under the operating supervision of a person who has attended a school approved by the Commissioner for giving instruction in food-handling techniques, food protection principles, personal hygiene, plant sanitation practices, pH controls, and critical factors in acidification, and who has satisfactorily completed the prescribed course of instruction. The Commissioner will				

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TITLE 21—FOOD AND DRUGS **CHAPTER 1** **SUBCHAPTER B** **PART 108—EMERGENCY PERMIT CONTROL**	**Audit Standard Language**	**Analysis of Alignment of Audit Standard**	**Description of Gaps and Actions to Align**	**Additional Comments**
consider students who have satisfactorily completed the required portions of the courses presented under 21 CFR §108.35 and 21 CFR 113 before March 16, 1979, as having satisfactorily completed the prescribed course of instruction under 21 CFR 108.25 and 21 CFR 114. The Commissioner will not withhold approval of any school qualified to give such instruction.				
(g) A commercial processor engaged in the processing of acidified foods shall prepare, review, and retain at the processing plant or other reasonably accessible location for a period of 3 years from the date of manufacture, all records of processing, deviations in processing, pH, and other records specified in 21 CFR 114. Upon written demand during the course of a factory inspection under section 704 of the act by a duly authorized employee of the Food and Drug Administration, a commercial processor shall permit the inspection and copying by that employee of these records to verify the pH and the adequacy of processing.				

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(h) This section shall not apply to the commercial processing of any food processed under the continuous inspection of the meat and poultry inspection program of the Food Safety and Inspection Service of the Department of Agriculture under the Federal Meat Inspection Act (34 Stat. 1256, as amended by 81 Stat. 584 (21 U.S.C. 601 *et seq.*)) and the Poultry Products Inspection Act (71 Stat. 441, as amended by 82 Stat. 791 (21 U.S.C. 451 *et seq.*)).				
(i) Wherever the Commissioner finds that any State regulates the commercial processing of acidified foods under effective regulations specifying at least the requirements of part 114 of this chapter, the Commissioner shall issue a notice stating that compliance with such State regulations shall constitute compliance with this section, if the State through its regulatory agency or each processor of acidified foods in the State files with the Food and Drug Administration the registration information and the processing information prescribed in paragraph (c) of this section.				

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(j) *Imports.* (1) This section applies to any foreign commercial processor engaged in the processing of acidified foods and offering those foods for import into the United States except that, in lieu of providing for the issuance of an emergency permit under paragraph (a) of this section, the Commissioner will request the Secretary of the Treasury to refuse admission into the United States, under section 801 of the act, to any acidified foods which the Commissioner determines, after investigation, may result in the distribution in interstate commerce of processed foods that may be injurious to health as set forth in paragraph (a) of this section. (2) Any acidified food so refused admission shall not be admitted until the Commissioner determines that the commercial processor offering the food for import has complied with the requirements of this section and that the food is not injurious to health. To assist the Commissioner in making this determination, a duly authorized employee of the Food and Drug				

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Administration shall be permitted to inspect the commercial processor's manufacturing, processing, and packing facilities.				
(k) The following information submitted to the Food and Drug Administration under this section is not available for public disclosure unless it has been previously disclosed to the public as defined in 20.81 of this chapter or it relates to a product or ingredient that has been abandoned and no longer represents a trade secret or confidential commercial or financial information as defined in 20.61 of this chapter: (1) Manufacturing methods or processes, including quality control information. (2) Production, sales, distribution, and similar information, except that any compilation of the information aggregated and prepared in a way that does not reveal information which is not available for public disclosure under this provision is available for public disclosure.				

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(3) Quantitative or semiquantitative formulas.				