

John D. Rockefeller IV  
Governor



L. Clark Hansbarger, M.D.  
Director

# State of West Virginia


DEPARTMENT OF HEALTH  
CHARLESTON 25305

## NOTICE OF PUBLIC HEARING

Pursuant to Section five, Article three, Chapter twenty-nine-A of the Code of West Virginia, one thousand nine-hundred thirty-one, as amended, the West Virginia Department of Health shall convene a public hearing at 10:00 a.m. on July 9, 1984, in the first floor Conference Room of the P & G Building, 2019 Washington Street, East, Charleston, West Virginia for the purpose of taking evidence pertaining to the filing of proposed Retail Food Store Sanitation, West Virginia Board of Health Legislative Rules, Chapter 16-1, Series XX (1985).

Any citizen or other interested party may appear in person to present evidence. Any citizen or other interested party may submit written evidence to the Regulatory Services Program of the West Virginia Department of Health, by mail to 1800 Washington Street, East, Charleston, West Virginia 25305 or in person at Room 7, second floor, P & G Building, 2019 Washington Street, East, Charleston, West Virginia not later than 4:30 p.m., July 9, 1985. All comments, written and oral, will be made part of the public record of comments received and will be considered as a part of the public hearing. The Department requests that parties wishing to comment make an effort to submit written copies of their comments in order to facilitate review of the comments.

The issues to be heard shall be limited to the proposed rule. Copies of the proposed rule may be obtained from the address heretofore appearing or by telephoning 304-348-3223 or from the Office of the Secretary of State, Capitol Complex, Charleston, West Virginia 25305, telephone 345-4000.

  
L. Clark Hansbarger, M.D.  
Director of Health

Entered

FILED IN THE OFFICE OF  
A. JAMES MANCHIN  
SECRETARY OF STATE

THIS DATE June 8, 1984  
Administrative Law Division

STATEMENT OF ECONOMIC IMPACT OF PROPOSED RULES OR REGULATIONS

Agency Health

Rule No. 16-1, Series XX

Subject Retail Food Store Sanitation

1. Explanation of Overall Economic Impact of Proposed Rule.

A. Economic Impact on State Government.

This proposed regulation would not have any economic impact on state government.

B. Economic Impact on Political Subdivisions; Specific Industries;

Specific groups of citizens. The proposed regulation would not cause any significant financial burden to the retail food industry. To the contrary, by identifying the critical control points in a retail food store operation, this rule would aid the industry in directing their limited resources to those areas which have been shown to be most cost beneficial in controlling foodborne diseases and consumer complaints. The regulations parallel the Food and Drug Administration's Retail Food Code. Adoption of the proposed rule will promote compatibility of West

C. Economic Impact on Citizens/Public at Large. (See continuation sheet)

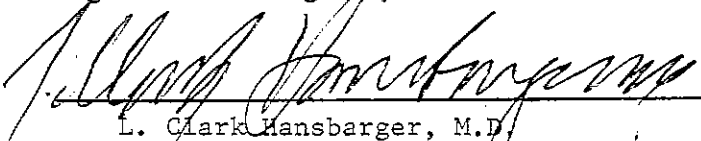
The proposed rule will have a beneficial social impact by increasing consumer protection. The proposal updates and expands current sanitary regulations in order to: (1) prevent food related morbidity; (2) create and maintain an environment in which foods are processed, stored, and/or prepared that promotes health by providing safe foods and beverages which meet society's accepted standards; and (3) avoid industry costs associated with incidences of foodborne illness.

Date June 7, 1984

Agency Health Department

Signature of Agency Head

Signature of Authorized Representative



L. Clark Hansbarger, M.D.  
Director of Health

FISCAL NOTE FOR PROPOSED RULE  
(Continued)

Explanation Of Overall Economic Impact Of Proposed Rules  
or Regulations

AGENCY Health

RULE NO. 16-1, Series XX

SUBJECT Retail Food Store Sanitation

1. B. (continued)

Virginia rules with federal rules applicable to nationwide retail food chains and with those of other states using the federal standards. Impact on local health departments would be negligible since the majority of the departments presently have a retail market surveillance program.

RULE ABSTRACT  
WEST VIRGINIA BOARD OF HEALTH

TITLE: Retail Food Store Sanitation

TYPE: Legislative Rule

NUMBER: 16-1, Series XX, 1985

AUTHORITY: 16-1-7

ABSTRACT: This is a proposed amended rule establishing the minimum sanitation requirements for the construction and operation of retail food stores. This rule supersedes and repeals the "Grocery Store and Meat Market Regulations" adopted in 1951. Since this is a major revision, strike throughs and underlining have been omitted. This major revision is needed because the old rule is over 30 years old and contains requirements which are contrary to current public health and food safety practices.

CONTACT PERSON: Kay Howard, Regulatory Services Division 348-3223

RESPONSIBLE DIVISION: General Environmental Health, 348-2967, Ron Forren,  
Program Chief

FISCAL NOTE FOR PROPOSED RULES

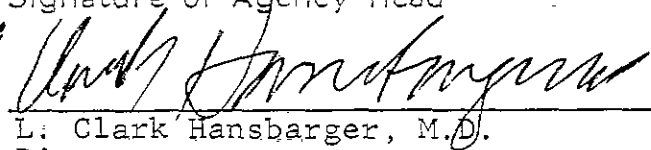
Rule No. 16-1, Series XX Subject Retail Food Store Sanitation  
 Type of Rule:  Legislative  Interpretive  Procedural  
 Agency Health Address 1800 Washington Street, East  
Charleston, WV 25305

Authorized Representative Robert Wheeler Phone 348-2970

1. Effect of Proposed Rule	ANNUAL		FISCAL YEAR		
	Increase	Decrease	Current	Next	Thereafter
Estimated Total Cost	\$	\$	\$ 0	\$ 0	\$ 0
Personal Services					
Current Expense					
Repairs and Alterations					
Equipment					
Others					

2. Explanation of above estimates.  
 Enforcement of the retail food store sanitation rule will be the responsibility of local health departments with consultation and technical advice provided by the State Health Department.

3. Date June 7, 1984 Agency Health

Signature of Agency Head  
  
 L. Clark Hansbarger, M.D.  
 Director

Signature of Authorized Representative  
 \_\_\_\_\_

Proposed

WEST VIRGINIA LEGISLATIVE RULES  
BOARD OF HEALTH

Chapter 16-1  
Series XX  
(1985)

RETAIL FOOD STORE SANITATION

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For Public Hearing  
July 9, 1984

FILED IN THE OFFICE OF  
A. JAMES MANCHIN  
SECRETARY OF STATE

THIS DATE 6-8-84  
Administrative Law Division

WEST VIRGINIA LEGISLATIVE RULES  
BOARD OF HEALTH

Retail Food Store Sanitation

Chapter 16-1  
Series XX  
(1985)

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WEST VIRGINIA LEGISLATIVE RULES  
BOARD OF HEALTH

Retail Food Store Sanitation

Chapter 16-1  
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(PROPOSED)  
WEST VIRGINIA LEGISLATIVE RULES  
BOARD OF HEALTH

Chapter 16-1  
Series XX  
(1985)

Subject: Retail Food Store Sanitation

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Section 1. General

1.1. Scope - This legislative rule establishes the minimum sanitation requirements of the West Virginia Board of Health governing the construction and operation of retail food stores.

1.2. Authority - This rule is issued under the authority of and is related to Chapter 16, Article 1, Section 7 of the West Virginia Code.

1.3. Filing Date - This rule was promulgated on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, and was filed on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, in the Secretary of State's office.

1.4. Effective Date - This rule became effective on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

Section 2. Supersession and Repeal of Former Regulations

This rule supersedes and repeals Grocery Store and Meat Markets, West Virginia Board of Health Legislative Rules, Chapter 16-1, Series XX (1983) originally adopted by the West Virginia Board of Health December 6, 1951 and effective July 1, 1952.

Section 3. Application and Enforcement

3.1. Application - This rule applies to the construction and the operation of all retail food stores.

3.2. Enforcement - Enforcement of this rule is vested with the director of the West Virginia department of health or his lawful designee.

Section 4. Definitions

4.1. Approved - Used to describe a procedure of operation, installation, or construction which is in accordance with the standards, specifications, or instructions established by the director.

4.2. Construct - The term construct shall mean and include the terms install, extend, establish, alter or modify.

4.3. Corrosion-Resistant Materials - Those materials that maintain their original surface characteristics under prolonged influence of the food to be contacted, the normal use of cleaning compounds and bactericidal solutions, and other conditions-of-use environment.

4.4. Delicatessen - The area of a retail food store where primarily specialty food items, i.e., meats, fish, poultry, salads, cheeses and other table delicacies, are prepared and sold, or offered to the general public.

4.5. Director - The director of the West Virginia Department of Health or his lawful designee.

4.6. Distressed Merchandise - Any food or container of food which has had the label lost, or which has been subjected to possible damage due to accident, fire, flood, adverse weathering, or to any other similar cause, or which may have been rendered unsafe or unsuitable for human consumption or use, i.e., seam or lid dents, hard or soft swells, leaking containers.

4.7. Easily Cleanable - Surfaces that are readily accessible and made of such materials and finish and so fabricated that residue may be effec-

tively removed by normal cleaning methods.

4.8. Employee - The permit holder, individuals having supervisory or management duties, and any other person working in a food service establishment.

4.9. Equipment - Items other than utensils used in the storage, preparation, display and transportation of food, including, but not limited to slicers, grinders, meat blocks, work tables, shelving, refrigerators, freezers, display cases, sinks, and similar items used in the operation of a retail food store.

4.10. Food - Any raw, cooked, or processed edible substance, ice, beverage or ingredient used or intended for use or for sale in whole or in part for human consumption.

4.11. Food-Contact-Surfaces - Those surfaces of equipment and utensils with which food normally comes into contact, or those surfaces from which food may drain, drip, or splash back onto surfaces normally in contact with food.

4.12. Operator - A person who is in charge of a retail food store.

4.13. Packaged - Bottled, canned, cartoned, bagged or securely wrapped.

4.14. Permit - A written document issued by the director giving a designated person permission to construct a specific retail food store or to operate a specific retail food store.

4.15. Person - Individual, partnership, association, syndicate, company, firm, trust, corporation, government, corporation, institution, department, division, bureau, agency, or any other entity recognized by law.

4.16. Person-in-Charge - The individual present in a food service establishment who is the apparent supervisor of the retail food store at the time of inspection.

4.17. Potentially Hazardous Food - Any food that consists in whole or in part of milk or milk products, eggs, meat, poultry, fish, shellfish, edible crustacea, or other ingredients, in a form capable of supporting rapid and progressive growth of infectious or toxigenic micro-organisms. The term does not include clean, whole, uncracked, odor-free shell eggs or food which have a pH level of 4.6 or below or a water activity (Aw) value of 0.85 or less.

4.18. Retail Food Store - Any place, structure, premise, vehicle, or any part thereof in which food is sold retail, offered for retail sale, or served not to be consumed on the premises. For the purpose of this rule, the term "retail food store" shall not include establishments which handle only prepackaged, non-potentially hazardous foods; roadside markets that offer only fresh fruits or fresh vegetables; or the delicatessen operation of a retail food store.

4.19. Safe Materials - Materials that may not reasonably be expected to result, directly or indirectly, in their becoming a component or otherwise affecting the characteristics of any food.

4.20. Safe Temperatures - As applied to potentially hazardous food shall mean temperatures of 45°F or below and 140°F or above.

4.21. Sanitization - Effective bactericidal treatment by a process that

provides enough accumulative heat or concentration of chemicals for enough time to reduce the bacterial count, including pathogens, to a safe level on utensils and equipment.

4.22. Sealed - Free of cracks or other openings that permit the entry or passage of moisture.

4.23. Single-Service Articles - Cups, containers, lids, knives, forks, spoons, straws and packaging materials, including bags and similar articles, that are designed for one-time use only.

4.24. Utensil - Any implement used in the storage, preparation, transportation, or service of food.

#### Section 5. Permits, Hearings, Notices and Orders

5.1. Construction and Modification - Whenever a retail food store is constructed or extensively remodeled and whenever an existing structure is converted to use as a retail food store, plans and specifications for such construction, remodeling or conversion shall be submitted to the director for review and approval before construction, remodeling, or conversion is begun. The plans shall show a layout and arrangement of the equipment. Once completed plans are received by the director, the plans shall be reviewed within a period of time not to exceed 45 days.

#### 5.2. Permit to Operate

5.2.1. No person shall operate a retail food store within the state of West Virginia who does not possess a valid permit issued to him by the director.

5.2.2. An application for a permit to operate a retail food store shall be made in writing to the director on a form prescribed by the West Virginia

department of health and signed by the applicant or his authorized representative.

5.2.3. Prior to approving the application for a permit, the director shall inspect the proposed retail food store to determine compliance with this rule. Only persons who comply with the applicable provisions of this rule shall be entitled to retain a permit.

5.2.4. Retail food stores in operation at the time this rule becomes effective, and meeting all applicable prior regulations, shall be deemed to be eligible for a permit to operate. Provided, that the store shall be required to meet the applicable operational requirements of this rule. Provided further, that any construction taking place after the effective date of these regulations shall be in compliance with this rule.

5.2.5. Permits shall not be transferable or assignable and shall automatically become invalid upon a change of ownership or upon suspension or revocation.

5.2.6. The director may without warning, notice or hearing suspend a permit to operate a retail food store if the operation of the retail food store constitutes an imminent hazard to public health. When a permit is suspended, the sale of food shall immediately cease.

5.2.7. The director may revoke a permit to operate for repeated or serious violations of any of the requirements of this rule or for the interference with the director in the performance of his duties.

5.2.8. Any person whose permit has been suspended or revoked may, at any time, make application for a reinspection for the purpose of reinstatement of the permit. Within ten (10) days following receipt of a written

request, including a signed statement by the applicant that in his opinion the conditions causing the suspension of the permit have been corrected, the director shall make a reinspection. If the applicant complies with the provisions of these regulations, the permit shall be reinstated.

5.2.9. Operational permits shall be posted within the retail food store and said permits shall be readily available to the director.

5.3. Hearings, Notices and Orders

5.3.1. Any person whose application for a permit to operate a retail food store has been denied, or whose permit has been suspended or revoked may petition and may be granted a hearing in accordance with Section 28.

5.3.2. The filing of a petition for a hearing on a permit denial, suspension or revocation shall not stay or suspend the execution of the notice or order resulting in such permit denial, suspension, or revocation.

5.3.3. Whenever the director makes an inspection of a retail food store and discovers that any of the provisions of this rule have been violated, he shall notify the operator of such violations by means of an inspection report form or other written notice. Correction of the violations shall be accomplished within the time specified in the notice that is in accordance with the following provisions:

5.3.3.(a). When the rating score of the store is 90 or more, all violations of 1 or 2 point weighted items shall be corrected by the time of the next routine inspection.

5.3.3.(b). When the rating score of the store is 80 but not more than 89, all violations of 1 or 2 point weighted items shall be corrected within a specific period of time not to exceed thirty (30) days.

5.3.3.(c). When the rating score of the store is at least 70 but not more than 79, all violations of 1 or 2 point weighted items shall be corrected within a specified period of time not to exceed ten (10) days.

5.3.3.(d). All violations of 4 or 5 point weighted items shall be corrected within a specified period of time not to exceed ten (10) days following inspection.

5.3.3.(e). When the rating score of the store is 69 or less, the permit shall be immediately suspended.

5.3.4. Whenever the director finds that any retail food store constitutes an imminent hazard to public health, he may without notice or hearing issue a written order to the operator or person in charge citing the existence of such condition and requiring action to be taken to remedy the condition, including the suspension of the permit to operate. Notwithstanding any other provision of this rule, such order shall be effective immediately. Any person for whom such order is directed shall comply therewith immediately, but upon written petition to the director shall be afforded a hearing on the matter as set forth in Section 5.3.1 of these regulations.

5.3.5. The director may examine food or collect samples of such food as often as he deems necessary for enforcement of this rule. The director may, upon written notice to the operator, place a hold order on any food which he believes in violation of any provision of this rule. The director shall tag, label or otherwise identify any food subject to the hold order. Food subject to a hold order shall not be used, served or removed from the store. The director shall permit storage of the food under conditions specified in the hold order, unless storage is a risk to the public health, in

which case immediate destruction shall be ordered and accomplished. The hold order shall specify that a written request for a hearing may be filed with the director within ten (10) working days and that if no hearing is requested the food shall be destroyed under supervision of the director. On the basis of evidence produced at the hearing, the director may vacate the hold order or the owner or person in charge of the food may be directed by written order to destroy such food.

Section 6. Inspection

6.1. Each retail food store shall be inspected at least once each six months. The director shall also make such additional inspections as he deems necessary to determine satisfactory compliance with the provisions of this rule or any orders, notices, instructions or specifications issued pursuant thereto.

6.2. The director shall have the authority to inspect or to have inspected any retail food store in any county in the state, and to act through the county's board of health or prosecuting attorney in the enforcement of these regulations.

6.3. The inspection report shall be discussed with the person in charge of the store at the time of inspection and the inspection report shall be posted adjacent to the permit.

Section 7. Food Supplies

7.1. All food offered for sale in a retail food store shall be clean, wholesome, free from spoilage, adulteration, and misbranding, and safe for human consumption.

7.2. Fluid milk and fluid milk products shall be pasteurized and shall

meet the applicable requirements of rules pertaining to milk and milk products promulgated by the West Virginia board of health.

7.3. Fresh and frozen shucked shellfish shall be packed in non-returnable packages identified with the name and address of the original shell stock processor, shucker-packer, or repacker, the kind and quantity of shellstock, and the interstate certification number issued thereto. Shell stock and shucked shellfish shall be kept in the container in which they were received until they are offered for sale.

7.4. Only ice which has been manufactured from potable water and handled in a sanitary manner shall be used or offered for sale. Ice offered for sale shall be packaged.

Section 8. Food Protection

8.1. All food shall be protected against contamination.

8.2. All perishable food shall be stored or transported at such temperatures as will protect against spoilage.

8.3. Only such poisonous and toxic materials including pesticides, as are used to maintain sanitary conditions and for sanitization purposes may be used or stored in food processing areas.

8.4. Poisonous and toxic materials including pesticides shall be prominently identified and shall be used and stored only in such manner and under such conditions as will not contaminate food or constitute a hazard to employees or purchasers.

8.5. In the event of a fire, flood, prolonged power outage, or similar event that might result in the contamination of food, or that might prevent potentially hazardous food from being held at safe temperatures, the operator

or person-in-charge shall immediately contact the director.

8.6. Metal stem type numerically scaled indicating thermometers, accurate to  $\pm 2^{\circ}\text{F}$  shall be provided and used to assure the safe temperatures of all potentially hazardous foods.

Section 9. Food Display Areas

9.1. All food display areas shall be kept clean.

9.2. Thermometers accurate to  $\pm 2^{\circ}\text{F}$  shall be provided and properly located in all refrigerated food display cases.

9.3. Fruits and vegetables shall be wholesome and free from spoilage.

9.4. Food in the frozen food display cases shall be stocked below the loadline and shall be kept frozen and stored at an air temperature of  $0^{\circ}\text{F}$  or below.

9.5. Dairy products, meat, poultry and fish display cases shall be stocked below the loadline and maintained at  $45^{\circ}\text{F}$  or below.

9.6. Packaged fruits, vegetables, meat and fish shall not be stored or displayed in contact with water or undrained ice.

9.7. Potentially hazardous meat, poultry, fish, grocery products and bakery products shall be kept at safe temperatures.

9.8. Containers of food shall be properly labeled, sound and free of dents on the horizontal and lid seams of cans.

9.9. The sale or offering of distressed merchandise is prohibited.

Section 10. Refrigerated and Frozen Food Storage Areas

10.1. Walk-in cooler and freezer floors, walls, and ceilings shall be kept clean and in good repair.

10.2. Walk-in cooler floors shall be properly drained.

10.3. Thermometers accurate to  $\pm 2^{\circ}\text{F}$  shall be provided and properly located in walk-in freezers and coolers.

10.4. Condensation drip trays, blowers and overhead coils shall be kept clean.

10.5. Shelves shall be kept clean.

10.6. Meat hooks shall be kept clean and shall be sanitized after cleaning.

10.7. Walk-in coolers provided for potentially hazardous foods shall be maintained at  $45^{\circ}\text{F}$  or below.

10.8. Frozen food in walk-in freezers shall be kept frozen and stored at an air temperature of  $0^{\circ}\text{F}$  or below.

Section 11. Grocery Storage Area - Containers of food shall be stored a minimum of six (6) inches above the floor or stored on dollies, racks, or pallets, provided such equipment is easily movable, either by hand or the use of pallet-moving equipment that is on the premises and used. Cased food packages in cans, glass, or other sealed containers need not be elevated when the case of food is not exposed to floor moisture and the storage area is kept clean. Shelves, racks, dollies, pallets and floors shall be kept clean and in good repair.

Section 12. Produce Preparation Area

12.1. A produce preparation sink or an approved wet table and drainage system shall be provided.

12.2. Work tables shall be kept clean.

12.3. Knives, cleavers and other utensils shall be kept clean.

12.4. Produce packaging and wrapping materials shall be properly pro-

tected and stored.

12.5. A hand sink shall be provided within 20 feet of the produce department.

Section 13. Meat Department - The meat department of the retail food store shall be in compliance with applicable rules and regulations regarding meat and meat products as promulgated by the West Virginia Commissioner of Agriculture.

Section 14. Delicatessens - Delicatessens shall comply with the provisions of rules promulgated by the West Virginia board of health pertaining to food service sanitation.

Section 15. Personnel

15.1. No person, while infected with a disease in a communicable form that can be transmitted by foods, or who is a carrier of organisms that cause such a disease, or while affected with a boil, an infected wound, or an acute respiratory infection, shall work in a retail food store in any capacity in which there is a likelihood of such person contaminating food or food contact surfaces with pathogenic organisms or transmitting disease to other persons.

15.2. Employees engaged in food preparation and utensil washing operations shall thoroughly wash their hands with soap and warm water before starting work; after smoking, eating, or using the toilet; before and after handling raw meat, raw poultry, or raw fish, and as often as necessary during work to keep them clean. Employees shall wear clean outer clothing.

15.3. Employees shall consume food and use tobacco only in designated

areas. Such areas must be located so that the eating or tobacco use of an employee does not result in contamination of food, equipment, or utensils.

15.4. Employees shall maintain a high degree of personal cleanliness and shall conform to good hygiene practices while on duty.

15.5. Employees shall use effective hair restraints where necessary to prevent the contamination of food or food contact surfaces.

Section 16. Equipment and Utensils (Construction and Installation)

16.1. All equipment and utensils used in the preparation, storage, or display of food shall be of such material and so constructed, installed, and maintained as to be easily cleanable and to permit the easy cleaning of the surrounding areas and shall be non-toxic, corrosion-resistant, and non-absorbent.

16.2. No enamelware or griniteware shall be used in the preparation, storage or display of food.

16.3. Single service articles shall be manufactured from safe material and shall be used only once.

16.4. Work tables shall be made of impervious materials and the surfaces shall be of such materials that they will not be readily scratched or scarred by contact with sharp utensils, except that wooden meat blocks and cutting boards may be constructed of hard maple or the equivalent.

16.5. Metal shelving shall be provided on the interior of walk-in coolers.

16.6. All equipment installed in a retail food store prior to the effective date of these regulations and which is in good repair and capable of being cleaned may be continued in use.

16.7. Equipment which is placed on tables or counters, unless considered portable, shall be sealed thereto or mounted on legs at least four inches high and shall be installed to facilitate the cleaning of the equipment and adjacent areas.

16.8. Floor mounted equipment shall be on casters; on six inch legs; on raised platforms of concrete or other smooth masonry in such a manner as to prevent liquids or debris from seeping or settling underneath; or sealed to the floor.

16.9. The space between adjoining units of equipment and between a unit and the adjacent wall shall be sealed, or sufficient space shall be provided to facilitate easy cleaning between, behind, and beside all such equipment.

#### Section 17. Cleaning, Sanitization & Storage of Equipment and Utensils

17.1. Utensils and food contact surfaces of equipment shall be cleaned and sanitized:

17.1.1. After any interruption of operations during which time contamination may occur;

17.1.2. Between processing raw pork, or raw poultry, or raw fish, and before processing any different kind of product;

17.1.3. Between processing of raw and ready to eat foods; and,

17.1.4. After final use each working day.

17.2. Non-food contact surfaces of equipment, including transport vehicles, shall be cleaned as often as is necessary to keep the equipment free of accumulation of dust, dirt, food soil, and other debris.

17.3. Cloths or sponges used for wiping food spills or used for clean-

ing surfaces of equipment shall be clean and used for no other purpose. These cloths and sponges shall be stored in a sanitizing solution between uses:

17.4. For manual cleaning and sanitizing of equipment and utensils, a three compartment sink must be provided in the meat and bakery departments. Sink compartments shall be large enough to accommodate the immersion of all utensils, and each sink compartment shall be supplied with hot and cold potable running water. Fixed equipment and equipment too large to be cleaned in sink compartments shall be cleaned and sanitized manually or cleaned and sanitized through pressure spray methods.

17.5. Drain boards or easily movable utensil tables shall be provided for proper handling of soiled utensils prior to cleaning and for cleaned utensils following sanitization.

17.6. Equipment and utensils shall be preflushed or prescraped and, when necessary, presoaked to remove food particles and soil.

17.7. When a three compartment sink is utilized for washing equipment and utensils, the equipment and utensils shall be washed, rinsed, and sanitized in that order.

17.8. When a two compartment sink is utilized for washing equipment and utensils, the equipment and utensils shall be washed and sanitized in that order.

17.9. The food contact surfaces of all equipment and utensils shall be sanitized by one of the following methods.

17.9.1. Immersion for at least 1/2 minute in clean, hot water of a temperature of at least 170°F; or,

17.9.2. Immersion for at least 1 minute in a clean solution containing at least 50 parts per million of available chlorine as a hypochlorite and having a temperature of at least 75°F; or,

17.9.3. Immersion for at least 1 minute in a clean solution containing at least 12.5 parts per million of available iodine at a temperature of at least 75°F; or,

17.9.4. Immersion in a clean solution containing any other approved chemical sanitizing agent that will provide the equivalent bactericidal effect of a solution containing at least 50 PPM of available chlorine as a hypochlorite at a temperature of at least 75°F for 1 minute; or,

17.9.5. Treatment with culinary steam in the case of equipment too large to sanitize by immersion, but in which steam can be confined; or,

17.9.6. Rinsing, spraying, or swabbing with a chemical sanitizing solution of at least twice the strength required for that particular sanitizing solution under Section 17.9.

17.10. When chemicals are used for sanitation an approved test kit that accurately measures the parts per million concentration of the solution shall be provided and used.

17.11. Unless used immediately after sanitation, all equipment and utensils shall be air dried. Towel drying shall not be permitted.

17.12. Cleaned and sanitized equipment and utensils and single service articles shall be handled and stored in a way that protects them from contamination and stored at least six inches above the floor in a clean, dry location. Stored utensils shall be covered or inverted whenever practical.

17.13. Food equipment, utensils, or single service articles shall not be

stored in locker rooms, toilet rooms, garbage rooms, or mechanical rooms.

Section 18. Water Supply

18.1. Potable water for the needs of the retail food store shall be provided in accordance with applicable rules promulgated by the West Virginia board of health.

18.2. Water under pressure shall be provided to all applicable fixtures and equipment that use water.

18.3. Only culinary steam shall be used in contact with food or food contact surfaces.

Section 19. Sewage Disposal - All sewage shall be disposed of in a public sewer system or, in the absence thereof, in a manner approved by the director in accordance with rules promulgated by the West Virginia board of health.

Section 20. Plumbing

20.1. Plumbing shall be sized, installed, and maintained in accordance with local plumbing codes or, in the absence thereof, the National Standard Plumbing Code, 1983 Edition, as published by the National Association of Plumbing, Heating and Cooling Contractors.

20.2. A non-potable water system is permitted only for purposes such as air conditioning and fire protection, and only if the system is properly installed and the non-potable water does not contact, directly or indirectly, food, potable water, equipment that contacts food, or utensils. The piping of any non-potable water system shall be durably identified so that it is readily distinguishable from piping that carries potable water.

20.3. Approved backflow prevention devices shall be installed to pro-

tect against backflow and backsiphonage at all fixtures and equipment where an air gap at least twice the diameter of the water supply inlet is not provided between the water supply inlet and the fixture's flood level rim. A hose shall not be attached to a faucet unless an approved backsiphonage prevention device is installed.

20.4. If used, grease traps shall be located to be easily accessible for cleaning.

20.5. Except for properly trapped open sinks, there shall be no direct connection between the sewer system and any drain originating from equipment in which food, portable equipment, or utensils are placed.

#### Section 21. Toilet Facilities

21.1. Each retail food store shall provide for its employees approved and properly located toilet facilities in the number required by the director. Toilet facilities shall be accessible to employees at all times.

21.2. Toilets and urinals shall be designed to be easily cleaned.

21.3. Toilet rooms shall be completely enclosed and shall have tight-fitting, self-closing doors, which shall be closed except during cleaning or maintenance.

21.4. Toilet fixtures shall be kept clean and in good repair. A supply of toilet tissue shall be provided at each toilet at all times. Easily cleanable receptacles shall be provided for waste materials. Toilet rooms used by women shall have at least one covered waste receptacle.

#### Section 22. Handwashing Facilities

22.1. Handwashing facilities shall be provided in or within 20 feet of any food preparation, food processing, or utensil washing area. Sinks used

for food preparation or for washing equipment or utensils shall not be used for hand washing. Handwashing facilities shall also be located in or immediately adjacent to toilet rooms.

22.2. Each handwashing facility shall be provided with hot and cold water tempered by means of a mixing valve or combination faucet. Any self-closing, slow-closing, or metering faucet shall be designed to provide a flow of water for at least 15 seconds without the need to reactivate the faucet. Steam mixing valves are prohibited at handwashing facilities.

22.3. A supply of hand-cleansing soap or detergent shall be available at each handwashing facility. A supply of sanitary towels or a hand-drying device providing heated air shall be located adjacent to each handwashing facility. Common towels are prohibited. If disposable towels are used, easily cleanable waste receptacles shall be located near the handwashing facilities.

22.4. Handwashing facilities, soap dispensers, hand-drying devices and all other related fixtures shall be kept clean and in good repair.

### Section 23. Garbage and Refuse

23.1. Garbage and refuse shall be held in durable, easily cleanable, insect-resistant, and rodent-proof containers that do not leak and do not absorb liquids. Plastic bags and wet-strength paper bags may be used to line these containers, and they may be used for storage inside the retail food store.

23.2. Containers used in food preparation, food processing, and utensil washing areas shall be kept covered during non-working hours and after they are filled.

23.3. Containers stored outside the establishment, including dumpsters, compactors, and compactor systems, shall be easily cleanable, shall be provided with tight fitting lids, doors, or covers, and shall be kept covered when not in actual use. In containers designed with drains, drain plugs shall be in place at all times, except during cleaning.

23.4. There shall be a sufficient number of containers to hold all the garbage and refuse that accumulates.

23.5. Soiled containers shall be cleaned at a frequency to prevent insect and rodent attraction. Each container shall be thoroughly cleaned on the inside and outside in a way that does not contaminate food, equipment, utensils, or food preparation/processing areas. Suitable facilities, including hot water and detergent or steam, shall be provided and used for cleaning containers. Liquid waste from compacting or cleaning operations shall be disposed of as sewage.

23.6. Garbage and refuse on the premises shall be stored in a manner to make them inaccessible to insects and rodents. Outside storage of unprotected plastic bags, wet strength paper bags, or baled units which contain garbage or refuse is prohibited. Cardboard or other packaging material not containing garbage or food wastes need not be stored in covered containers.

23.7. Garbage or refuse storage rooms shall be constructed of easily cleanable, non-absorbent, washable materials, shall be kept clean, shall be insect and rodent resistant, and shall be large enough to store all the garbage and refuse containers that accumulate.

23.8. Outside storage areas or enclosures shall be kept clean and shall be large enough to store the garbage and refuse containers that accumulate.

Garbage and refuse containers, dumpsters, and compactor systems located outside shall be stored on metal racks or on a smooth surface of non-absorbent material such as concrete or machine-laid asphalt, that is kept clean and maintained in good repair.

23.9. Garbage and refuse shall be disposed of often enough to prevent the development of odor and the attraction of insects or rodents.

23.10. Where garbage or refuse is burned on the premises, it shall be done by incineration that is approved by the director, the department of natural resources, and the West Virginia air pollution control commission. Areas around incineration facilities shall be clean and orderly.

Section 24. Insect and Rodent Control

24.1. Effective measures shall be utilized to minimize the entry and presence of rodents, flies, cockroaches, or other insects. The premises shall be maintained in a condition that prevents the harborage or feeding of insects or rodents.

24.2. Openings to the outside shall be effectively protected against the entry of rodents. Outside openings shall be protected against the entry of insects by tight fitting self-closing doors; closed windows; screening; or other means acceptable to the director. Screen doors shall be self-closing, and screens for windows, doors, skylights, transoms, intake and exhaust air ducts, and other openings to the outside shall be tight fitting and free of breaks. Screening material shall be not less than 16 mesh to the inch.

Section 25. Construction and Maintenance of Physical Facilities

25.1. Floors and floor coverings of all food preparation, food storage, and warewashing areas, and the floors of all walk-in refrigerators, dressing

rooms, locker rooms, toilet rooms and vestibules, shall be constructed of smooth durable material such as sealed concrete, terrazzo, quarry tile, ceramic tile, durable grades of vinyl asbestos or plastic tile, or tight fitting wood impregnated with plastic, and shall be maintained in good repair. Nothing in this section shall prohibit the use of anti-slip floor covering in areas where necessary for safety reasons.

25.2. Floors which are water flushed or receive discharges of water or other fluid wastes or are in areas where pressure spray methods for cleaning are used, shall be provided with trapped drains, properly installed. Such floors shall be constructed only of sealed concrete, terrazzo, quarry tile, ceramic tile or similar materials and shall be graded to drain. The floor and wall junctures shall be coved and sealed.

25.3. Floor carpeting, if used as a floor covering, shall be of a closely woven construction, properly installed, easily cleanable, and maintained in good repair. Carpeting shall not be used in food preparation, food processing, and utensil washing areas, in food storage areas, or in toilet room areas where urinals or toilet fixtures are located.

25.4. Sawdust, wood shavings, granular salt, baked clay, diatomaceous earth, or similar materials shall not be used as a floor covering; however, sawdust, granular salt, baked clay, or diatomaceous earth may be used in amounts necessary for immediate spot clean-up of spills or drippage on floors.

25.5. Mats and duckboards shall be on non-absorbent, grease resistant materials, and of such size, design, and construction to facilitate cleaning and shall be maintained in good repair.

25.6. Exposed utility service lines and pipes shall be installed in a way that does not obstruct or prevent cleaning of the floor. In all new or extensively remodeled establishments, installation of exposed horizontal utility service lines and pipes on the floor is prohibited.

25.7. All floors shall be kept clean and in good repair.

25.8. Walls and ceilings, including doors, windows, skylights, and similar closures, shall be kept clean and in good repair.

25.9. The walls, wall coverings, and ceilings of walk-in refrigeration units, food preparation areas, food processing areas, utensil washing areas, and toilet rooms and their vestibules shall be smooth, non-absorbent, and easily cleanable. Concrete or pumice blocks and bricks used for interior wall construction in these locations shall be finished and sealed to provide a smooth easily cleanable surface.

25.10. Studs, joists, and rafters shall not be exposed in those areas listed in Section 25.9 of this rule. If exposed in other rooms or areas, they shall be finished to provide an easily cleanable surface.

25.11. Utility service lines and pipes shall not be unnecessarily exposed on walls and ceilings in those areas listed in Section 25.9 of this rule. Exposed utility service lines and pipes shall be installed in a way that does not obstruct or prevent cleaning of the walls and ceilings.

25.12. Light fixtures, vent covers, wall mounted fans, decorative materials, and similar equipment attached to walls and ceilings shall be easily cleanable and shall be kept clean and in good repair.

25.13. Permanently fixed artificial light sources shall be installed to provide at least 20 foot candles of light on all food preparation surfaces and

at utensil washing work levels.

25.14. Permanently fixed artificial light sources shall be installed to provide, at a distance of 30 inches from the floor:

25.14.1. At least 20 foot candles of light in sales areas, utensil and equipment storage areas, and in handwashing and toilet areas and,

25.14.2. At least 10 foot candles of light in walk-in refrigeration units, dry food storage areas, and in all other areas.

25.15. Shielding to protect against broken glass falling onto unpackaged food shall be provided for all artificial lighting fixtures located over or within food preparation areas, food display facilities, and facilities where utensils and equipment are cleaned and stored.

25.16. Infrared or other heat lamps shall be protected against breakage by a shield surrounding and extending beyond the bulb, leaving only the face of the bulb exposed.

25.17. All rooms shall have sufficient ventilation to keep them free of excessive heat, steam, condensation, vapors, obnoxious odors, smoke and fumes. Ventilation systems, when vented to the outside, shall not create a nuisance or public health hazard.

25.18. Intake and exhaust air ducts shall be located and maintained to prevent the entrance of dust, dirt, and other contaminating materials.

25.19. In all new or in extensively remodeled retail food stores, all rooms from which obnoxious odors, vapors, or fumes originate shall be mechanically vented to the outside.

25.20. Adequate facilities shall be provided for the orderly storage of employees' clothing and personal belongings.

25.21. Where employees routinely change clothes within the establishment, one or more dressing rooms or designated areas shall be provided for this purpose.

25.22. Such designated areas shall be located outside of the food preparation, storage and processing areas, and equipment washing and storage areas.

Section 26. Interior Maintenance and Cleaning

26.1. At least one (1) service sink or curbed cleaning facility with a floor drain shall be provided and used for the cleaning of mops, or similar wet floor cleaning tools and for the disposal of mop water or similar liquid wastes. Handwashing or utensil washing facilities, or food preparation sinks shall not be used for this purpose.

26.2. Maintenance and cleaning tools such as brooms, mops, vacuum cleaners, and similar equipment shall be maintained in good repair and stored in a way that does not contaminate food, utensils, equipment, or linens and shall be stored in an orderly manner to facilitate the cleaning of that storage location.

26.3. All parts of the establishment shall be kept clean and free of litter and rubbish.

26.4. Cleaning operations shall be conducted in such a manner so as to minimize contamination of food and food contact surface, such as after closing.

26.5. None of the operations connected with a retail food establishment shall be conducted in any room used as living or sleeping quarters.

26.6. Soiled linens, coats and aprons shall be kept in laundry bags or

other suitable containers until removed for laundering.

26.7. Live animals shall be excluded from within the retail food store operational premises and from adjacent areas under the control of the operator. This exclusion does not apply to edible fish, crustacea, or shellfish. Guide dogs accompanying blind or deaf persons, and patrol dogs accompanying police officers may be permitted in retail food stores. Live or dead fish bait shall be stored separately from food or food products.

26.8. If provided, laundry facilities in a retail food store shall be restricted to the washing and drying of linens and work cloths used in the operation. If such items are laundered on the premises, an electric or gas dryer shall be provided and used. Separate rooms shall be provided for laundry facilities except that such operations may be conducted in storage rooms containing only packaged foods or packaged single-service articles.

Section 27. Exterior Maintenance and Cleaning

27.1. Retail food stores and all parts of the property used in connection with operations of the establishment shall be reasonably free of litter and articles not essential to the operation and maintenance of the establishment.

27.2. The walking and driving surfaces of all exterior areas of retail food stores shall be surfaced with concrete, asphalt, or with gravel or similar material effectively treated to facilitate maintenance and minimize dust. These surfaces shall be graded to facilitate drainage.

27.3. Sentry dogs may be permitted to run loose in outside fenced areas for security reasons.

Section 28. Administrative Due Process - Those persons adversely affected

by the enforcement of these rules desiring a contested case hearing to determine any rights, duties, interests or privileges shall do so in a manner prescribed in the West Virginia Procedural Rules, Board of Health, Chapter 16-1, Series I, 1983, Rules of Procedure for Contested Case Hearings and Declaratory Rulings.

Section 29. Severability - If any provisions of these rules or the application thereof to any person or circumstance shall be held invalid, such invalidity shall not affect the provisions or application of these rules which can be given effect without the invalid provisions or application, and to this end the provisions of these rules are declared to be severable.

Section 30. Penalties - Any person violating any of the provisions of these rules or orders issued pursuant thereto, shall be punishable by a fine of not more than two hundred dollars or by imprisonment for not more than thirty days, or both. Each day's failure to comply with any applicable provision of these regulations shall constitute a separate offense.