

INDEX

- a_w, definition, 3
- Access
 - allowed after due notice, 212
 - application for inspection order, 213
 - court petition for, 242-243
 - denial, judicial remedies, 242-243
 - denied, sworn statement, 243
 - notification of right, 212
 - owner agreement, 212
 - refusal, 213
 - to premises and records, 227, 242
- Accuracy, 115-116
- Acidity. *See pH*, 14
- Accreditation, 29
 - equipment certification program, 125
 - manager certification program, 29
- Accredited program, 2, 331-332
- Acknowledgments, *Preface xii*
- Additive, food and color
 - definition, 2
 - food upon receipt, 59
 - limitations, 96-97, 193
 - sulfites, 70
 - unapproved, protection from, 70
- Administrative remedies, 228-242
 - hearing officer's powers, 239-240
- Adulterated
 - definition, 2
 - food condition, 53
 - US Code, *See References Annex*, 248-252
- Air-drying
 - equipment and utensils, 148
 - wiping cloths, locations, 148
- Air filtration, 165
- Air gap. *See Backflow Prevention, Plumbing System*
- Air temperature, 90-91, 121
 - See also Ambient temperature measuring devices*
- Aisles in work spaces. *See Spacing*
- Alkalinity. *See pH*
- Allegation of fact, response to hearing notice, 234
- Allergen
 - latex, *see Major food allergen*
- Alligator. *See Fish*
- Ambient temperature measuring devices, 116
- Animal foods, raw
 - consumer self-service, limitations, 78
 - cooking requirements, 80-85
 - separation from other foods, 68-69
- Animal foods, raw or undercooked, consumer advisory, 104-105
- Animals
 - commercially raised for food, 56-58, 80
 - exotic animals, limitations as food source, 57
 - game, 56-58, 80-81
 - handling by employees, prohibition and exception, 51-52
 - handwashing after handling, 47
 - live, prohibition and exceptions, 187-188
 - wild game, 57-58, 81
- Anti-slip floor coverings, 174
- Americans with Disabilities Act
 - guidance, *see Annex 2-3*
 - managing ill employees, *see Annex 3*
- Appeal
 - denial of application for operating permit, 207
 - dismissal, hearing officer's powers, 240
 - proceeding, timeliness, 235-236
 - restriction or exclusion order, 218
 - right to, acceptance of consent agreement as waiver, 242
- Applicant for permit to operate food establishment
 - information required, 204-206
 - qualifications, 204
- Applicant, responsibility to report illness, 208
- Application for operating permit
 - notice of denial, 207
 - procedure, 204-206
- Application of Code
 - prevention of health hazards, 198
 - public health protection, 197-198
- Approved, definition, 2
- Area
 - adjacent to easily movable equipment, 6
 - behind vending machine kickplates, 115
 - Code subject, *Preface xi*
 - consumer eating and drinking, 176, 187-188
 - consumer shopping, 131, 169, 176, 188
 - designated for eating, drinking, and tobacco use, 50-51, 177
 - dining, 145, 188
 - distressed merchandise, 184
 - dressings, 182, 186
 - driving, 174, 179
 - dry storage, 176
 - exposed, 176-177
 - food preparation, 169, 171, 187-188
 - food protection, *Preface ii-iii*
 - handwashing, sink, 158, 159-160, 175
 - indoor, construction material, 173-174
 - Inspection order access. *See Compliance and Enforcement Annex, contents of order*, 228-229, 243-244
 - light intensity by, 182
 - living, 180
 - outdoor, construction materials, 174
 - outside fenced, 188
 - poisonous or toxic materials, 190-196
 - prohibited food storage, 77
 - protected for tank vent, 162

- refuse, 167, 169, 171
 - registration for bed and breakfast, 10
 - requiring drip-free ventilation, 116
 - self-service, 30
 - separate, for raw foods, 68-69
 - servicing, 173, 179
 - shellfish harvesting, 61-62
 - sleeping, 180
 - storage, 167-170
 - underneath equipment for cleaning, 130
 - underneath fingernails, cleaning, 46
 - unaffected by imminent health hazard, 215
 - vending machine, 24, 179
 - walking, 174, 179
 - warewashing, 175, 190
 - waste servicing, 166
 - where unnecessary persons are not allowed, 29
- Artificial color or flavor, declaration, 102-103
- Assessment of statutory provisions, recommendation, *See Compliance and Enforcement Annex*, 222
- Asymptomatic carrier, 36-45
- Asymptomatic, definition, 3
- Attachments, wall and ceilings, cleanability, 176
- Authorities, enforcement, 224, 244
- Authority, PHS model codes, *Preface ii-iii*
- Authorization, settlement, 241
- Automatic shutoff, vending machines, 120-121
- Backflow prevention, plumbing system
 - air gap, 157
 - carbonator, 159
 - knowledge of person in charge, 27
 - sewage systems, 165-167
 - water system operation, 155
- Backflow prevention device, plumbing system
 - carbonator, 159
 - copper, use limitation, 111
 - design standard, 151
 - location, 153
 - numbers and capacity, 152-153
 - operation and maintenance, 159
- Backsiphonage. *See Backflow*
- Bacon, slab, storage, 69
- Bacteria. *See Disease outbreaks caused by*
- Baffles, internal, for warewashing machine, 122
- Bags. *See Single-service articles*
- Bait
 - fish, 187-188
 - station, 194
- Bakery products, 103
- Balut, definition, 3
- Basket, for warewashing equipment, 122-123, 143
- Bearings and gear boxes, leakproof, 119
- Bed and Breakfast. *See Food establishment definition*
- Beef
 - consumer self-service, 78
 - cooking requirement, 80-83
 - grinding logs, *see Annex 2-3*
 - minimum holding times for cooking, 82
 - oven parameters for cooking, 81
 - rare or raw, consumer advisory, 104-105
 - raw, storage, 68-69
 - use of clean equipment, 139-142
 - use of laundered gloves, 147
 - whole-muscle, intact, definition, 24
 - whole-muscle, intact steak, cooking, 82-83
- Beef roasts, cooking requirements, 81-82
- Beverage
 - containers, consumer-owned, refilling, 75-76
 - definition, 3
 - tubing, separation from stored ice, 119
 - vending machines, liquid waste disposal, 124
- Birds, dead or trapped, removal, 187
- Boil. *See Lesion, containing pus*
- Boiler water additives, criteria, 193
- Bottled drinking water, definition, 3
 - source, 154
- Botulism. *See Clostridium botulinum*
- Bowls. *See Hollowware*
- Bread wrappers. *See Single-use articles*
- Buffets, monitoring by food employees, 79
- Buildings. *See Physical facilities*
- Bulk food
 - dispensing methods, 78-79
 - display, protection, 78
 - labeling requirements, 102-103
 - liquid, vended, 124
 - raw animal food, prohibition, 78
 - unpackaged, labeling exemptions, 103
- Bulk milk container dispensing tube, 138
- Cabinets
 - storage, 130, 150, 163, 188
 - vending machine, 125
- Calibration, temperature measuring devices, 138
- Can openers
 - design and construction, 115
 - maintenance and operation, 132
 - on vending machines, design and construction, 119
- Cans, number 10. *See Single-use articles*
- Canthaxanthin, 103
- Carbonator, 159
- Cardboard for recycling, outside storage, 170
- Carpeting, floor, restrictions and installation, 175
- Carrier, disease. *See Asymptomatic carrier*
- Carry-out utensils. *See Single-service articles*
- Case lot handling equipment, moveability, 124
- Casing
 - definition, 3
- Cast iron utensils and equipment food-contact surfaces,
 - use limitation, 110
- Catering operation. *See Food establishment*
- Catsup bottles. *See Single-use articles*
- Ceiling, ceiling coverings, and coatings, cleanability, 174-176
- Ceramic utensils, lead limitation, 110

- Certification number, definition, 3
- CFR, definition, 3
- Cheese
 - date marking, 93-94
 - ROP, 101
- Chemicals
 - preservatives, declaration, 102
 - sanitization of equipment food-contact surfaces and utensils, 145-146
 - sanitizers, criteria, 192
 - washing fruits and vegetables, criteria, 192
 - working containers, of, 189
- Chicken, raw, immersion in ice or water, 72
- Children's menu, 83
- China utensils, lead imitation, 110
- Chlorine solutions, chemical sanitization, 135-137
- CIP
 - definition, 3
 - equipment, design and construction, 114
- Civil penalty, hearing officer's powers, 239-240
- Civil proceedings, petitions, penalties, and continuing violations, 245
- Clams, lightly cooked or raw, consumer advisory, 83, 104-105
 - See also Molluscan shellfish; Fish*
- Cleanability
 - carpeting, 174-175
 - ceilings, 174-176
 - floor and wall junctures, 175
 - floors, 168-170
 - food-contact surfaces, 107-108
 - mats and duckboards, 176
 - nonfood-contact surfaces, 115
 - studs, joists, and rafters, 176
 - utility lines, 174-175
 - wall and ceiling attachments, 176
 - wall and ceiling coverings and coatings, 176
 - walls, 174-176
- Cleanable fixtures, plumbing system, 156-157
- Cleaned in place. *See CIP*
- Cleaners. *See Poisonous or toxic materials*
- Cleaning agents handwashing, 180
 - warewashing equipment, 133
- Cleaning and sanitizing
 - equipment and supplies for reuse, recyclables, and returnables, 167-172
 - equipment and utensils to prevent food cross contamination, 139-146
 - knowledge demonstrated by person in charge, 26-28
 - maintenance tools, preventing contamination, 185
 - physical facilities, frequency and restrictions, 184
 - procedure for employees' hands and arms, 46-47
 - ventilation systems, nuisance and discharge prohibition, 185
- Cleaning of equipment and utensils
 - criteria, 139
 - frequency, 139-142
 - methods, 142-144
- Cleanliness, personal, of employees
 - fingerails, 46, 50
 - hands and arms, 46-50
 - jewelry, prohibition, 50
 - outer clothing, 50
- Closed hearing, justification, 237
- Clostridium botulinum***, preventing growth in reduced,
 - atmosphere packaging, variance, 97-101
 - See also Time/Temperature Control for Safety Food*
- Clothes washers and dryer
 - availability, 128
 - location for contamination prevention, 130
- Clothing, outer, of employees, clean condition, 50
- Cloths
 - for use with raw foods of animal origin treatment, 73-74
 - for wiping food spills, criteria, 73-74
- Code
 - Adoption, certified copies, *Preface viii*
 - applicability, 197-199
 - conformance with history, role in frequency of inspections, 211
- Code of Federal Regulations. *See "CFR definition"*
- Cold holding of time/temperature control for safety food, 88-92
- Cold-plate beverage cooling devices, separation from stored ice, design, and construction, 119
- Color additive, definition, 2
- Commingle, definition, 4
- Comminuted, definition, 4
 - cooking fish and meats, 80
- Commissary. *See Food establishment definition*
- Common name, 70
- Communicable. *See infectious agent*
- Community or individual facility for disposal of refuse, recyclables, and returnables, 172
- Compactors, on-site, 168
- Compliance and Enforcement Annex
 - explanation, *Compliance & Enforcement*, 221-223
 - principle, *Compliance & Enforcement*, 222
 - purpose, *Compliance & Enforcement*, 221
 - recommendation, *Compliance & Enforcement*, 222-223
- Compliance with Code, responsibility of permit holder, 199, 204
- Condenser unit, separation from food and food storage space, 119
- Condiments, protection from contamination by consumers, 78
- Conditional employee
 - definition, 4
 - responsibilities, 32-35
- Conditioning device, plumbing system

- design, 157
 - location, 159
- Confidentiality
 - hearings, 237
 - protection, 203
- Confirmed disease outbreak, definition, 4
- Consent agreement
 - approval by hearing officer, 239
 - request, response to hearing notice, 234, 242
 - respondent acceptance as waiver of right to appeal, 242
- Constitutional protection, procedural safeguards and judicial review, 223
- Construction
 - food establishment, plans and specifications requirement, 200-203. *See also Public Health Reasons Annex, 543-544*
 - inspection and approval, 203
 - mobile water tank and mobile food establishment water tank, 161-163
 - plumbing system, 156-157
- Consumer
 - advisory for raw or undercooked animal foods, 97-98
 - definition, 4
 - expectations for food supply, *Preface iv*
 - food on display, protection from contamination by, 78
 - information requirements, 102-104
 - self-service, clean tableware for refills, 74-75
 - self-service operations, protection from contamination, 74-75
- Consumer-owned container, refilling, 76
- Consumers at risk, advisory for fully cooked animal foods, 104-105
- Contact time, chemical sanitization of equipment
 - food-contact surfaces and utensils, 145-146
- Container prohibitions for poisonous or toxic materials, 192
- Containers
 - food storage, common name identification, 70
 - poisonous or toxic materials
 - labeling and identification, 189
 - use prohibition, 190
 - working, common name identification, 189
 - See also Single-service articles*
- Contaminated food, disposition, 105
- Contamination of food after receiving, prevention, 68-79
- Contamination prevention, location of equipment, clothes washer/dryers, and storage cabinets, 129-130
- Contents
 - court petition, 242-243
 - hearing notice, 236-237
 - required, response to hearing notice, 234
- Control of foodborne disease transmission by employees, 217-219
- Controlled atmosphere packaging. *See Reduced oxygen packaging*
- Conversion of food establishment, plans and specifications, requirement, 200-201
See also Public Health Reasons Annex, 543-544
- Cook-chill packaging. *See Reduced Oxygen Packaging*
- Cooking
 - equipment, cleaning frequency, 142
 - destroying organisms of public health concern, 80-85
 - requirements for raw animal foods, variance, 83
 - utensils. *See Kitchenware*
- Cooling
 - capacity, food equipment, 126
 - methods to limit growth of organisms of public health concern, 90-91
 - time/temperature control for safety food, 90
- Copper and copper alloys, use limitation in food contact and fittings, 111
- Core item, definition, 4
- Core item violation, time frame for correction, 216-217
- Corned beef roasts
 - minimum holding times for cooking, 82
 - oven parameters for cooking, 81
- Correction of priority violation, 16
 - time frame, 214, 216-217
 - timeliness, 216
 - verification and documentation, 216
- Correction of priority foundation violation, 16, 216
- Corrective action
 - compliance, 208-209
 - failure to demonstrate compliance, 213-214
- Corrosion-resistant material, definition, 4
- Cosmetics. *See Personal care items*
- Counter guards. *See Food display*
- Counter-mounted equipment
 - definition, 5
 - elevation, 130-131
- Court petition
 - for access, contents, 242-243
 - injunction, 245
 - penalties, 245
- Criminal proceedings
 - authorities, methods, fines, and sentences, 244-245
 - misdemeanor, 244
- Critical control points
 - definition, 5
 - flow diagram, 202
 - knowledge demonstration by person in charge, 26-28
 - monitoring, responsibility of permit holder, 208-209
 - standard operating procedures, 202
 - See also Annex 5, 616*
- Critical limit
 - definition, 5
 - nonconformance documentation, 213-214

- violations, timely corrections, 216
- Cross connection, water supply system, prohibition, 160
- Cross contamination of food protection by separation and segregation, 68-69
- Crustacea shells, use limitation, 138
- Crystal utensils, lead limitation, 110
- Cups, refilling in consumer self-service, 75-76
See also *Hollowware*
- Cut, infected. See *Lesion, containing pus*
- Cut leafy greens
 - as TCS food, 23
 - definition, 5
- Cutting surfaces
 - materials, 111
 - resurfacing, 132
- Data plate, warewashing machine, 116
- Date marking of ready-to-eat, time/temperature control for safety food, 92-94.
 - Shellstock, 64, 277
 - See also *Public Health Reasons Annex*, 450
 - Model Forms, Guides, and Other Aids Annex* 7, Chart 4-C
- Dealer's tag/label for molluscan shellstock requirements, 61-62
- Decision by hearing officer, 238-239
- Deli tissue, use to avoid contaminating food, 65
- Demonstration of knowledge. See *Person in Charge; Supervision*
- Denial of access, sworn statement, 243
- Denial of application for operating permit, notice, 207-208
- Design, construction, and installation
 - equipment and utensils
 - acceptability, 125
 - accuracy, 115-116
 - cleanability, 113-114
 - durability and strength, 113
 - functionality, 116
 - physical facilities
 - cleanability, 174-175
 - functionality, 176-177
 - mobile water tank and mobile food establishment water tank, 161-164
 - plumbing system, 156-161
 - sewage system, 165-167, 172
- Design standard, backflow prevention device, 157
- Destroying or denaturing food by hold order, 231
- Detergents. See *Cleaning agents*
- Detergent-sanitizers
 - for warewashing equipment, 137
 - rinsing procedures, 144-145
- Deviations from code
 - documentation, 213-214
 - See also *Modifications; Variance; Waivers;*
- Devices. See *Physical facilities*
- Diarrhea, employee symptom, 32
- Dipper wells. See *Utensils, in-use storage*
- Disease of employee, 32-45. See also *Public Health Reasons Annex*, 350-366
- Disease or medical condition, reporting responsibility, 32-35
See also *Public Health Reasons Annex*, 350-366
- Disease outbreaks caused by Norovirus, *S. Typhi*, *Shigella* spp., or Shiga producing *E. coli*, or hepatitis A virus, 33-34. See also *Public Health Reasons Annex*, 355-363
- Dish basket. See *Basket Dishes*.
See *Tableware Dishwashing*.
See *Warewashing*
- Disinfection
 - drinking water system, 154
 - mobile water tank and mobile food establishment water tank, 161-162
- Dispensing equipment, design and construction for protection of equipment and food, 117-118
- Dispensing tube, bulk milk container, 138
- Display. See *Food display*
- Disposable towels, waste receptacle, 168
- Disposal facilities
 - refuse, recyclables, and returnables, 167-172
 - sewage, other liquid wastes, and rainwater 165-167
- Disposition of ready-to-eat, time/temperature control for safety food, 94. See also *Public Health Reasons Annex*, 450-451; *Model Forms, Guides, and Other Aids Annex*, Chart 4-C
- Distressed merchandise, segregation and location, 184
- Documentation
 - correction of critical violation, 215-216
 - freezing for parasites, 85-86
 - inspection report, 213-214
 - ROP, 97-101
 - variances, 198-199
- Dogs in food establishments
 - patrol and sentry, 188
 - pets, 187-188
 - service, 187-188
- Dollies. See *Case lot handling equipment*
- Doors
 - pets in common dining area of group residence, 187-188
 - equipment maintenance, 131-132
 - physical facility, 176-177
 - refuse receptacle, 167-170
 - toilet room, 186
 - vending machine, 120, 124-125
- Drain plugs for equipment and receptacles for refuse, recyclables, and returnables, 171
- Drainage of equipment compartments, 124
- Drainage system, food establishment, design and installation, 165
- Drainboards
 - capacity, 127
 - cleaning frequency, 132

- cleanability, 113-115
 - warewashing, self-draining, 124
- Drains, indirect, 165
 - walk-in refrigerators, 165
- Dressing areas
 - designation, 182
 - use by employees, 186
- Dried eggs, condition at receipt, 59
- Drinking by employees, food contamination prevention, 50
- Drinking water
 - bottled, source, 154
 - definition, 5
- Drinking water systems
 - approved, 153
 - flushing and disinfection, 154
- Drip prevention, design and construction of ventilation hood systems, 116
- Driving surfaces. *See Surface characteristics, outdoor*
- Dry cleaning methods, equipment and utensils, 142
- Dry eggs, 59
- Dry milk, 59
- Dry storage area, definition, 5
- Drying agents, criteria, 193-194
- Duckboards, cleanability, 173-174
- Due process rights, 223
- Dustless methods of cleaning floors, 185
- Easily cleanable, definition, 6
- Easily movable, definition, 6
- Eating by employees, food contamination prevention, 50
- Effective date of Code, 197-198
- Egg
 - boiled, *See Time/temperature control for safety food definition*
 - cooking requirements, 80-83, 106-108
 - definition, 7
 - lightly cooked or raw, consumer advisory, 104-105
 - liquid, frozen, and dry, condition at receipt, 59
 - pasteurized, substitute for shell eggs, 70-71, 106-108
 - pooling, 70-72, 77-79, 106-108
 - time/temperature control for safety food, 22-24
 - restricted definition, 19
 - service to highly susceptible populations, 106-108
- Egg product, definition, 7
- Eggs, raw, shell
 - condition at receipt, 59
 - cooling, 90-91
 - labeling, 55
 - temperature at receipt, 58
- Elderly. *See Highly susceptible population*
- Emergency occurrence. *See Imminent health hazard*
- Employee
 - accommodations, location, 183-184
 - definition, 7

- disease or medical condition, 32-45
 - dressing areas, number, 183
 - eating, drink, and tobacco use, designated areas, 50
 - food contaminated by, disposition, 105-106
 - hygiene, 50-51
 - ill, exclusions and restrictions, 35-45
 - practices, supervision of, 29-31
 - prevention of food contamination, 65-68
 - responsibility to report illness, 32-35
 - serving high-risk populations, exclusions and restrictions, 35-45. *See also Food employee; Permit holder; Person in charge*
- Emu. *See Ratites*
- Enclosures for refuse, recyclables, and returnables, operation and maintenance, 167-170
- Enforcement. *See Compliance and Enforcement Annex*
- Enforcement proceedings
 - institution, 225
 - judicial, 242-244
 - methods, 244
- EPA, definition, 7
- Equipment
 - air-drying, 148
 - assessment for Code enforcement, 197-198
 - case lot handling, 124-125
 - cleaning criteria, 139
 - cleaning frequency
 - food-contact surfaces/utensils, 139-142
 - nonfood-contact surfaces, 140
 - warewashing, 133
 - compartments, drainage, 124
 - cooling, heating, and holding capacities, 126
 - definition, 7
 - design and construction, durability and strength, 113
 - existing, 197-198, 208-209
 - fixed, elevation or sealing, installation, 130-131
 - fixed, spacing or sealing, installation, 130
 - food-contact surfaces and utensils, cleaning frequency, 139-142
 - HACCP plan, 201-203
 - location for contamination prevention, 129-130
 - maintenance, 131
 - necessary replacement, 208-209
 - plans, 200-201
 - reassembly after cleaning, 149-150
 - repair and adjustment, 131
 - storage, 187
 - storage prohibitions, 149-150
- Equipment certification and classification, 125
- Equipment and utensils, dry cleaning methods, 142
 - precleaning, 142
 - rinsing procedures, 144-145
- Equipment openings, closures and deflectors, design and construction, 116-117

- Equipment, utensils, and linens
 - cleaning, 139-145
 - design and construction, 113-125
 - laundering lines, 146-147
 - location and installation, 129-131
 - maintenance and operation, 131-139
 - materials for construction and repair, 109-113
 - numbers and capacities, 126-129
 - protection of clean items, 148-151
 - sanitization of equipment and utensils, 145-146
 - See also Physical facilities*
- Escargot. *See Fish*
- Evidence at hearing
 - documentary, 228
 - excluded, 241
 - regulatory authority presentation, 241
 - written, 241
- Exclude, definition, 7
- Exclusion of employee
 - illness, 34-36
 - infection or disease, 35-37
 - release, 38-44, 219
 - removal, 38-44, 219
- Exclusion order
 - for infected or diseased employee, 219
 - service, 225-226
- Expiration time for time/temperature control for safety
 - food, 92-94
 - See also Public Health Reasons Annex, 450-455; Model Forms, Guides, and Other Aids Annex, Chart 4-C*
- Exposure, 32-34
- Facilities
 - assessment for Code enforcement, 197-198
 - disposal, recycling, and refilling of waste, 172
 - necessary replacement, 209
 - on-premises for refuse, recyclables, and returnables, 167-169
- Facility plans and specifications, submission and approval, 200-201
- Faucet, handwashing sink, 157
- Fee for operating permit, issuance criteria, 204
- Fees, civil proceeding
 - enforcement and collection, 245
 - hearing officer's powers, 238-239
- Fever with sore throat, employee symptom, 32
- Filter, compressed air, for drinking water system, 163
- Filtering equipment, hot oil, design and construction, 115
- Final order, rendering by hearing officer, 239-240
- Fines, criminal proceeding, 244-245
 - civil proceeding, 245
- Fingernails
 - artificial, prohibition, 50
 - of employees, maintenance, 50
- First aid supplies in food establishments, storage; *See also Personal care items*
- Fish
 - consumer self-service, 78
 - cooking requirements, 80-83
 - definition, 8
 - frozen by supplier, freezing records, 86
 - other than molluscan shellfish, 54, 85
 - raw, storage, 68-69
 - recreationally caught, 55-56; *See also Public Health Reasons, 404*
 - use of clean equipment, 139; *See also Public Health Reasons Annex, 507-509*
 - use of laundered gloves, 147
- Fish, lightly cooked or raw
 - aquacultured
 - consumer advisory, 104-105
 - freezing to control parasites, 85
 - immersion in ice or water, 71
 - restriction on reduced oxygen packaging, 99
- Fitting or tubing, copper and copper alloys, use limitation, 111
- Fixtures. *See Physical facilities*
- Flatware. *See Tableware*
- Floor drains, cleanability, 175
- Floor-mounted equipment, clearance, 130
- Floors
 - absorbent materials, use limitation, 186
 - and floor coverings, cleanability, 174-176
 - dustless cleaning methods, 185
- Flow pressure valve, warewashing machine, 123
- Flushing
 - drinking water system, 154
 - mobile water tank and mobile food establishment water tank, 163-164
 - waste retention tanks, 166
- Flux, use limitation for food-contact surfaces, 110
- Fogging devices, cleaning the water reservoir, 160-161
- Food
 - additives, 59, 70, 94, 190-191
 - characteristics, 53
 - contact with equipment and utensils, 72
 - contaminated, 105-106
 - cooked, time/temperature control for safety food, cooling, 90-91
 - damaged, spoiled, or recalled, storage, 68
 - definition, 8
 - destroying or denaturing, 231
 - destruction of organisms of public health concern, 80-83
 - examining, sampling, and testing, 231
 - frozen, time/temperature control for safety food, 59, 88 hermetically sealed, source, 55
 - honest presentation, 1, 102, 197
 - identity, presentation, and on-premises labeling, 54-55, 102
 - in contact with water or ice, storage or display, 71
 - limitation of growth of organisms of public health concern, 88-101
 - official tagging, 230
 - packaged and unpackaged, separation, packaging and segregation, 68-69

- packaged, labeling, 54-55, 102-103
- protection for contamination, 65-79
- releasing from hold order, 231
- removal, justification, 229
- restrictions on using or moving
 - hold order, 230-231
- specialized preparation methods, variance
 - requirement, 83, 96, 119-120, 198-199, 201
- standards of identity, 102
- temperature and time control, limiting growth
 - of organisms of public health concern, 88-101
- vended, time/temperature control for safety
 - food, original container, 77
- Food, time/temperature control for safety
 - guidance, *see Annex 2-3*
 - HACCP plan, 201-203
 - hot and cold holding, 91, Annex 3, 445-449
 - preparation, application for permit, 203-206
 - temperature at receipt, 58-59
 - time as public health control, 94-96
- Food, ready-to-eat, time/temperature control for safety
 - date marking, 92-94
 - disposition, 94
 - See also Public Health Reasons Annex, 450-451; Model Forms, Guides, and Other Aids Annex, Chart 4-C*
- Food Allergy, awareness, 31; *See also Public Health Reasons Annex, 344*
- Food bank. *See Food establishment*
- Food cart. *See Food establishment, definition, mobile; Model Forms, Guides, and Other Aids Annex, Chart 4-C*
- Food bank. *See Food establishment*
- Food cart. *See Food establishment, definition, mobile*
- Food Code
 - conventions, *Preface xi*
 - improvements, *Preface v-vi*
 - intent, 1
 - interventions, *Preface i-ii*
 - revision process, *Preface xi-xii*
 - safeguards, *Preface iv-v*
 - scope, statement, 1
 - standards, 1
 - title, 1
- Food codes, previous editions, *ii-iv, Preface iii*
- Food contact, copper, use limitation, 110
- Food-contact surface
 - assessment for Code enforcement, 197-198
 - cast iron equipment, use limitation, 110
 - construction materials, 109-110
 - copper, use limitation, 111
 - cleaning criteria, 139
 - cleaning frequency of equipment, 139-142
 - definition, 8
 - design and construction, cleanability, 113-114
 - galvanized metal equipment, use limitation, 111
 - lead, use limitation, 110
 - linens and napkins, use limitation, 73
 - lubricating, 149
 - sanitization criteria, 145
 - sanitization frequency, 145
 - sanitization methods for equipment, 145-146
 - "V" threads, use limitation, 114
 - wet cleaning methods for equipment, 143
 - wood, use limitation, 111-112
- Food containers
 - placement in cooling or cold holding equipment, 90
- Food contamination
 - by persons, discarding, 105-106
 - by unclean utensils and equipment, 72
 - prevention after receiving, 65-67
 - prevention by employees, 65-67
- Food defense
 - guidance, *see Annex 2-4*
- Food display, preventing contamination by consumers, 78-79
- Food employee
 - definition, 8
 - responsibility to report illness, 32-35
- Food establishment
 - definition, 9
 - identity information, 204-206
 - inspection, frequency, 210-212
 - permit to operate, 203-209
 - plans and specifications for construction, conversion, or remodeling, 205
 - See also Public Health Reasons Annex, 543-544*
 - temporary, inspection frequency, 210
- Food guards. *See Food display*
- Food management, plans, 200-202
- Food package integrity, 60
- Food processing, variance required, 96-97
 - See also Food Processing Annex*
- Food processing plant, definition, 10
- Food Protection Manager Certification, 29
- Food reheated in microwave oven, requirements, 87
- Food safety
 - control measures, HACCP plan, 200-203
 - intent of Food Code, 1
 - purpose of Code, 1
- Food service establishment. *See Food establishment*
- Food sources,
 - compliance with food law, 54-55 original containers and records, 63-64 plans,
 - See Public Health Reasons Annex, 427*
- Food specifications for receiving, 54-58
 - temperature, 58-62
- Food-specific container for beverages, refilling, 74-76
- Food storage
 - containers, identification of food, 70
 - preventing contamination from premises, 76-77
 - prohibited areas, 77

- Food supply, public health concerns, *Preface iv*
- Food temperature measuring devices
 - accessibility, 128
 - design and construction, 113
- Food vending location/areas
 - outdoor, overhead protection, 179
 - See also Food establishment*
- Food volume, proposed, plans, 200
- Foodborne disease
 - outbreak, definition, 8 prevention,
 - knowledge, 26-28 prevention, plans,
 - See Public Health*
 - Reasons Annex, 543-544*
- Foodborne illness
 - nature and extent, *Preface i-ii*
 - frequency of inspections, 210-211
 - transmission by employees, prevention, 217-218
- Foot candles. *See Lighting*
- Fork lifts. *See Case lot handling equipment*
- Forks. *See Tableware*
- Form of request for hearing, 233-234
- Freezing to destroy organisms of public health
 - concern, 85-86
- Frog. *See Fish*
- Frozen eggs, condition at receipt, 59
- Frozen food
 - limiting growth of organisms of public health
 - concern, 88
 - maintain frozen, 88
 - shipped frozen received frozen, 59
- Fruits, raw
 - cooking, 84
 - washing, 71
 - whole or cut, immersion in ice or water, 72
 - whole, uncut, storage, 70
- Galvanized metal, use limitation for utensils
 - and food-contact surfaces of equipment, 111
- Game animal
 - commercially raised for food, 56-58
 - cooking requirements, 80-83
 - definition, 10
 - exotic species, 57-58
 - limitations as food source, 56-58
 - wild, field-dressed, limitations as food
 - source, 58, 79
- Gauge cock. *See Flow pressure valve*
- Garbage. *See Refuse*
- Garlic. *See Time/Temperature Control for Safety Food definition*
- Gastrointestinal illness, symptoms of employee, 32
- General use pesticide, definition, 10
- Glasses, refilling in consumer self-service, 75
- Gloves
 - cloth, laundering frequency, 146-148
 - handwash before donning, 47-48
 - single-use, 74
 - slash resistant, 74-75
- Grease traps, in food establishment drainage
 - systems, 166
- Ground beef. *See comminuted definition*
- cooking, 80
- Guard dog. *See Service animal*
- HACCP plan
 - compliance, responsibility of permit holder, 208
 - contents, 201-203
 - criteria, reduced oxygen packaging, 97-101
 - critical limits, nonconformance, 214
 - definition, 11
 - knowledge by person in charge, 26-28
 - variances, 96-97, 201, *see also HACCP Annex 4*
- HACCP principles, failure to demonstrate
 - knowledge, 199
- Hair restraints for employees, 51
- Hamburger, *See comminuted definition*
 - cooking, 80
- Hand drying
 - available at handwashing sink, 181
 - part of cleaning procedure, 47
- Hand, antiseptics, 48-49
- Hand antiseptics for employees, 48-49
- Handling
 - kitchenware, 150
 - single-service and single-use articles, 150
 - tableware, 150
- Hands and arms of employees
 - clean condition, 46
 - cleaning procedure, 46-47
 - hand antiseptics, 48-49
 - when to wash, 47-48
 - where to wash, 48
- Hands, employees
 - alternative procedure to No Bare Hand
 - Contact, 65-68; *see Annex 3, 340, 413 - 415; Annex 7, Form 1-D*
 - no bare hand contact with RTE food, 65-68
- Handwashing
 - cleanser, availability, 180
 - food employees, 65
 - procedures, special, for employees, 46-48
 - signage, 181
- Handwashing sinks
 - Automatic, 47
 - cleanability, 156-157
 - design and construction, 156-157
 - location and placement, 159, 183
 - maintaining and using, 186 numbers
 - and capacities, 158, 180 operation
 - and maintenance, 159-160 use
 - required, 46-48
 - water temperature, 157
- Handwashing sink, definition, 11
- Harvester's tag/label for molluscan shellstock,
 - requirements, 60-67
- Hazard Analysis Critical Control Point. *See HACCP plan*
- Hazard, definition, 11
- Health hazard, imminent
 - discontinuance of operations and reporting
 - requirement, 215

- prevention, Code application, additional requirements, 198, 215-216
 - summary suspension of operations, 215
- Health practitioner
 - definition, 11
 - documentation for ill employee, *see Annex 7, Form 1-C*
- Health status of employee, required reporting, 213
- Hearing
 - appeal proceeding, 235-236
 - commencement, 237
 - documentary evidence, 241
 - evidence excluded, 241
 - provided upon request, 235
 - in accordance with law, 235
 - regulatory authority evidence, 241
 - rights of parties to, 241
 - settlement, 242
 - testimony under oath, 241
 - timeliness, 235-236
 - warning not required, 229
 - written evidence, 241
- Hearing notice
 - contents, 236-237
 - response, 234
- Hearing officer
 - appointment, 238-240
 - consent agreement, approval, 239-240
 - jurisdiction, 238
 - powers, 238-239
 - purpose, 238
 - qualifications, 238
- Hearing procedure
 - commencement on notification, 237
 - confidential, 237
 - expeditious and impartial, 237
 - record, 237
 - rights of parties to, 241
- Hearings administration,
 - accordance with law, 235
 - basis and time frame, 233-234
 - form and content, 234
- Heat lamp, shield, 177
- Heater, for manual warewashing equipment, 122-123
- Heating capacity, food equipment, 126
- Hepatitis A virus
 - cause of disease outbreak, 33-37
 - cause of employee illness, 33
 - conditions for release of employee from restriction or exclusion, 38-45, 219
- Hermetically sealed
 - container, definition, 11
 - food, source, 54-55
 - food containers, cleaning, 68
 - reheating, food taken from a container, 87
- High-risk population. *See Highly susceptible population*
- Highly susceptible population
 - consumer advisory, 104-105
 - definition, 11
 - exclusions and restrictions of ill employees, 35-37
 - frequency of inspection, 211
 - permit application, 205
 - special requirements, 106-108
- History, PHS model codes, *Preface ii-iii*
- Hold order
 - contents, 229-230
 - exclusion, 225-226
 - examining, sampling, and testing food, 229
 - justifying conditions, 231
 - official tagging of food, 230
 - removal of tag, 231
 - releasing food from, 231
 - removal of food, 229
 - restrictions on using or moving food, 225-226
 - service of notice, 225-226
 - warning or hearing not required, 229
- Holding capacity, food equipment, 126
- Holding tank. *See Sewage, holding tank*
- Holding time, minimum
 - comminuted meats, 80-81
 - cooking, roast beef and corned beef, 81-83
- Hollowware. *See Tableware*
- Homes and living/sleeping quarters, private, use prohibition, 180
- Honest presentation, intent of Food Code
 - not misleading, 1
- Hooks, slab bacon, 69
- Hood. *See Ventilation systems*
- Hot holding of time/temperature control for safety food, 91-92
- Hot water
 - quantity and availability, 155
 - sanitization of equipment food-contact surfaces and utensils, 145
- Hygienic practices of employees
 - food contamination prevention, 50-51
 - hair restraints, 51
 - handling animals, prohibition, 51-52
- Ice
 - as food, 60
 - exterior cooling, prohibition as ingredient, 71
 - source, 60
 - storage or display of food in contact with, 71-72
- Ice units, separation of drains, design and construction, 119
- Identity standards for food, definition, 102
- Illness of employee, investigation, 217
- Illness prevention, intent of Food Code, 1
- Imminent health hazard
 - ceasing operations and reporting, 215
 - definition, 11
- Immunocompromised persons. *See Highly susceptible population*
- In-place cleaning. *See CIP definition*
- Incinerators for solid waste, 172
- Individual sewage disposal system, disposal through approved system, 166

- Indoor areas, materials, 173-174
- Infection, employee, symptom, 32-35
- Infectious agent, employee freedom from, removal of restriction, 38-45
- Ingredients, HACCP plan, 201-203
- Injected, definition, 11
- Injunction
 - court petition, 245
- Insect control
 - devices, design, and installation, 177
 - food establishments, poisonous or toxic materials, 190
 - maintenance, 187
 - outer openings protected, 178-179
 - See also Pest control*
- Insects, dead or trapped, removal, 187
- Inspection. *See Annex 5*
- Inspection, frequency
 - establishing, 210-211
 - performance- and risk-based, 211
- Inspection order
 - access to premises and records, 212, 228, 243
 - contents, 223-226, 228-230, 244-244
- Inspection port, enclosed water system, 162
- Inspection, preoperational, 203, 207
- Inspection report
 - acknowledgment of receipt, 214-215
 - documentation, 213-214
 - form, Annex 7
 - issuance, 214
 - public information, 215
 - receipt, refusal to sign acknowledgment, 214-215
- Installation
 - equipment, 130-131
 - plumbing system, 156
- Institutional food service. *See Food establishment, highly susceptible population*
- Interaction of pH and a_w . *See Time/Temperature Control for Safety Food*
- Interstate Certified Shellfish Shippers List, sources of molluscan shellfish, 56
- Intestinal illness of employee, 32-35
- Iodine solutions, chemical sanitization, 135-137
- Irreversible registering temperature indicator
 - provided onsite, 129
 - utensil surface temperature, 128, 146, 498
- Jars. *See Single-use articles*
- Jaundiced employee
 - exclusions and restrictions, 36
 - removal of exclusions and restrictions, 38-45
 - symptom, 32, 34
- Jewelry, employees, prohibition exception, 50
- Medical alert, 50
- Judicial
 - enforcement proceedings, initiating, 244
 - inspection orders, 242-243
 - remedies, 243-245
- Juice
 - review, 223
 - definition, 12
 - HACCP system, 62
 - packaged, 62
 - prohibition, 106
 - service to highly susceptible populations, 106
 - treated, 88
 - warning label, 88
 - See also Public Health Reasons Annex, 400*
- Junctures, floor and wall, covered and enclosed or sealed,
 - cleanability, 174-176
- Jurisdiction of hearing officer, 238-239
- Justification, variances, 198
- Justifying conditions for hold order, 229
- Kick plates, removable, design and construction, 115
- Kitchenware
 - definition, 12
 - handling, 150
- Knives. *See Tableware*
- Label, common name on food container, 63
- Labeling
 - packaged food, 54-55
 - food labels, 102-103
 - compliance with law, 102-103
 - identification, 189
 - poisonous or toxic materials and personal care items, 192
- Lamb. *See Meat*
- Landfills for solid waste, 172
- Latex. *See Public Health Reasons Annex, 424-426*
- Laundering linens
 - criteria, 147-148
 - frequency, 147
 - mechanical washing, 147
 - methods, 147-148
- Laundry facilities, use limitations, 147-148
- Lavatories. *See Handwashing facilities*
- Law, definition, 12
- Layout, proposed, plans, 200-201
- Lead limitation in ceramic, china, crystal, and decorative
 - utensils, 110
- Leafy greens, cut
 - as TCS food, 22
 - definition, 5
- Lesion, containing pus, 32-33
- Light bulbs, protective shielding, 176-177
- Lighting, intensity, 182
- Linens and napkins, use limitation for food-contact surfaces, 73
- Linens
 - definition, 12
 - laundrying criteria, 147-148
 - laundrying frequency, 147
 - laundrying methods, 147-148
 - mechanical washing methods, 147
 - soiled, storage methods, 147

- storage after cleaning, 149
 - storage prohibitions, 150
- Liquid eggs, condition at receipt, 59
- Liquid food or ice, dispensing equipment, design and construction, 117-118
- Liquid food vending machines, waste receptacle, 124
- Liquid waste
 - drain lines, design and construction, 119
 - other than sewage, disposal facility, 114
 - products from vending machines, 124
 - See also Sewage*
- Listeria monocytogenes*, risk assessment. *See Public Health Reasons Annex*, 446-447, 450-454
- Litter, removal, 187
- Living/sleeping quarters, separation, 180
- Loading soiled items, warewashing machines, 143
- Location, grease trap, 166
- Lockers
 - designation, 182-183
 - location, 182-183
 - using, 186
- Lubricants, incidental food contact, criteria, 194
- Lubricating food-contact surfaces, 149
- Maintenance
 - equipment, storage, 187
 - refuse areas and enclosures, 167
 - tools, cleaning, 185
 - See also Operation and maintenance*
- Major food allergen definition, 12
- Management and personnel
 - employee health, 32-45
 - hygienic practices, 50-52
 - personal cleanliness, 46-50
 - supervision, 25-31
- Manager certification, national recognition, 28-29
- Manual warewashing. *See Warewashing.*
- Manufacturers' dating information, 92
- Materials
 - construction and repair, surface characteristics, 173-174
 - mobile water tank and mobile food establishment water tank, 161
 - See also Physical facilities*
- Mats, floor, cleanability, 176
- Meal portions, individual, from bulk container, 93
- Meat
 - cooking requirements, 80-84
 - cured, 94
 - consumer self-service, 78-79
 - definition, 12
 - rare or raw, consumer advisory, 104-105
 - raw, storage, 68-69
 - use of clean equipment, 139-142
 - use of laundered gloves, 147
- Mechanical warewashing. *See Warewashing.*
- Mechanically tenderized, 13, 80, *see Annex 7, Chart 4-A*
- Medical condition of employee, 32-45
 - confidentiality in hearing, 237
- Medical history of ill employee, 217
- Medicines in food establishments
 - restriction and storage, 194-195
 - see also Personal care items*
- Melons, cut. *See Time/Temperature Control For Safety Food Definition.*
- Menu, proposed, plans, 200-201
- Menu items, consumer advisory, 104-105
- Meringue, 70, 106
- mg/L, definition, 13
- Microwave ovens
 - cooking, 84
 - reheating food, requirements, 87
 - safety standards, 132
- Milk and milk products, dry, fluid, and frozen, pasteurized at receipt, 59-60
- Milk, fluid, and milk products
 - cooling, 90
 - dispensing tube, 138
 - raw, consumer advisory, 104-105
 - source, 54-55
 - temperature at receipt, 58-59
- Mixing valve, handwashing sink, 157
- Mobile facility, alternative water supply, 156
- Mobile food establishment
 - application for permit, 203-206
 - sewage holding tank, capacity and drainage, 165
 - water tank, inlet, 162-163
 - waste removal, 166
- Mobile water tank and mobile food establishment water tank
 - design and construction, 162
 - flushing and disinfection, 164
 - materials, 161
 - numbers and capacities, 163-164
 - operation and maintenance, 164
- Model codes, advantages, *Preface iv-v*
- Model forms. *See Model Forms, Guides, and Other Aids Annex 7*
- Modifications. *See also Variance and Waivers*
 - Code application, 197-199
 - conformance with approved procedures, 199
- Modified atmosphere packaging. *See Reduced Oxygen Packaging.*
- Molluscan shellfish
 - commingling, 64
 - definition, 13
 - lightly cooked or raw, consumer advisory, 104-105
 - original container, requirements, 63-64
 - packaging and identification, 60
 - shellfish, source, 56
 - shucked, original container, labeling, 63-64
 - tanks, use limitations, 119-120
 - tanks, variance, 119-120
- Molluscan shellstock
 - condition on receipt, 62
 - cooling, 90
 - identification specifications, 61-62
 - temperature at receipt, 58-59
- Mollusk. *See Fish*

- Mollusk shells, use limitation, 138
- Mops, drying, 185
- Mouthwash. *See Personal care items*
- Moveability, case lot handling equipment, 124-125
- Moveable. *See Easily moveable*
- Multiuse utensils and food-contact surfaces, construction materials, characteristics, 109-112
- Mushrooms
 - cultivated wild species, source, 56
 - wild, source, 56
- Mussels, lightly cooked or raw, consumer advisory, 104-105. *See also Molluscan shellfish*
- Napkins, cloth, laundering frequency, 147. *See also Linens*
- National Shellfish Sanitation Program
 - certification number, 3
 - Guide for the Control of Molluscan Shellfish, 56
- Nitrates, nitrites, and salt for curing, variance specifications, 96-97
- Nonconformance with Code, documentation, 213-214
- Non-continuous cooking
 - definition, 13
 - criteria, 84-85
- Nondrinking water, quality, 154
- Nonfood-contact surfaces
 - cleaning criteria, 139
 - cleaning frequency, 142
 - construction materials, characteristics, 112
 - design and construction, 115
- Nontyphoidal *Salmonella* (NTS). *See Nontyphoidal Salmonella (NTS)*
 - Employee illness, 32, 42
 - Reporting, 35
 - Restriction/exclusion, 35-37
 - Reinstatement, 28-43
 - See Public Health Reasons Annex 3, Tables 1, 2 and 3*
- Norovirus
 - employee illness, 32-34
 - reporting, 35
 - restriction/exclusion, 35-37
 - reinstatement, 38-44
- Notice of denial of application for operating permit, 207
- Notices, service of, 225
 - See also Hearing notice*
- NTS, nontyphoidal *Salmonella*. *See Nontyphoidal Salmonella (NTS)*
- Nutrition labeling, 102-103
- Nuts in shell, storage, 69
- Oath or affirmation, hearing testimony, 241
- Odors
 - mechanical ventilation, 182
 - multiuse equipment materials, 109-112
 - refuse removal frequency, 171
 - single-service/use article materials, 112-113
- Off-premise
 - cleaning services for refuse, recyclables and returnables, 169
 - delivery and consumption of time/temperature control for safety food, application for permit, 205
- Oil equipment
 - "V" threads, 114
 - filtering, 115
- On-site cleaning of returnables, 75-76
- Openings, to outdoors, protection against insects and rodents, 178-179
 - See also* , 528-529
- Operation and maintenance
 - mobile water tank and mobile food establishment water tank, 164
 - physical facilities, 184-188
 - plumbing system, 159-161
 - resumption after suspension, 215
 - sewage system, 166
 - suspension for imminent health hazard, 215
- Optional contents of order, 243
- Order, modifying, removing, or vacating
 - hearing officer's powers, 238-240
- Orders
 - failure to comply, 228
 - hearing officer's powers, 238-240
- Organisms of public health concern
 - destruction, 80-88
 - growth limitation, 88-101
- Outdoor areas, materials, 174
- Ostrich. *See Ratites*
- Outdoor refuse areas, curbed and graded to drain, 179
- Outdoor walking and driving surfaces, graded to drain, 179
- Outside receptacles for refuse, recyclables, and returnables, design and construction, 168
- Outside storage of refuse, recyclables, and returnables, prohibitions, 170
- Oven
 - cooking temperature, 81-82
 - microwave, 84, 87, 132, 142
- Overhead protection for outdoor food vending and servicing areas, 179
- Overwraps, colored, for food, limitations, 102
- Ownership change, operating permit, 207
- Oysters, lightly cooked or raw, consumer advisory, 104-105
 - See also Molluscan shellfish*
- Package integrity, 60
- Packaged, definition, 13
- Packaged food
 - labeling, 54
 - labels, compliance with law, 102-103
 - separation and segregation from unpackaged food, 68-69
- Packaging and identification of shucked molluscan shellfish, 60, 63-64
- Packaging, reduced oxygen
 - conditions not requiring a variance, 97-101
 - conditions requiring a variance, 96-97

- definition, 18
- HACCP plan and variance criteria, 96-97
- Pallets. *See* Case lot handling equipment
- Parasite destruction in fish by freezing, 85-86
- Parts per million. *See* mg/L, definition
- Pasteurized Milk Ordinance, *see* References Annex, 256, 271, 278
- Patrol dogs, 188
- Penalties
 - assessment and order of civil, 239-240
 - enforcement and collection, 244-245
- Performance-based frequency of inspection, 210-211
- Performance standard, *Preface*, vii
- Permanent Outdoor Cooking Establishments
 - Guidance, *see* Annex 2-3, 322
- Permit, definition, 13
- Permit holder
 - agreement, replacement of facilities or equipment, 197-198
 - definition, 13
 - posting in food establishment, responsibility, 208
 - responsibilities for permit retention, 208-209. *See also* Employee
- Permit renewal, existing food establishment, 207
- Permit, suspending, revoking, modifying, or restricting, hearing officer's powers, 238-240
- Permit suspension
 - conditions warranting, 231
 - reinspection time frame, 232
 - reinstatement, 233
 - warning or hearing not required, 232
- Permit to operate food establishment, 203-209
 - failure to have, 227
- Person, definition, 14
- Person in charge
 - assignment, 25
 - definition, 14
 - demonstration of knowledge, 26-28, 213-214
 - duties, 29-31
 - employee responsibility for reporting illness, 31
 - responsibility to report certain employee illness, 34
 - responsibilities, rights, and authorities, explanation, 27-35. *See also* Employee
- Personal care items
 - definition, 14
 - first aid supplies, storage, 195
 - in food establishments, storage, 195
 - labeling and identification, 189
 - medicines, restriction and storage, 194-195
 - operational supplies and applications, 190-195
 - stock and retail sale, 195
- Personal cleanliness, 46-50
- Personal medications. *See* Medicines
- Personnel, supervision, 29-31
- Pest control, 186
 - outer openings protected, 178-179

- See also* Insect control; Rodent control
- Pesticides in food establishments
 - application, 191
 - bait station, 194
 - restricted use pesticide, conditions of use, 191
 - restricted use pesticide, criteria, 194
 - tracking powders, 194
 - See also* Poisonous or toxic materials
- Pests, dead or trapped, removal, 187
- Petitions
 - civil proceedings, 245
 - enforcement, 244
 - injunction, 245
- Pets in group residence dining areas
 - restrictions, 188
- Pewter, use limitation for food-contact surfaces, 110
- pH
 - chemical sanitization, warewashing equipment, 135-136, 146
 - definition, 14
- PHS model codes
 - authority, *Preface* iii
 - history and purpose, *Preface* ii
- Physical facilities
 - cleaning
 - floors, dustless methods, 185
 - frequency and restrictions, 184
 - maintenance tools, preventing contamination, 185
 - ventilation systems, nuisance and discharge prohibition, 185
 - controlling pests, 186
 - definition, 14
 - design, construction, and installation, 174-180
 - dressing rooms and lockers, using, 186
 - drying mops, 185
 - handwashing sinks, maintaining and using, 180-181 location and placement, 183 maintaining premises, 187 maintenance and operation, 184-188 materials for construction and repair, 173-174
 - minimizing attractants and contaminants on floors, 185-187
 - numbers and capacities, 180-183
 - pests, dead or trapped, removal, 187
 - prohibiting animals, 187-188
 - repairing, 184
 - storage, of maintenance tools, 187
 - toilet room doors, closing, 186
- Pickle barrels. *See* Single-use articles
- Pinning. *See* Injected, definition
- Plans and specifications for food establishment
 - contents, 200-203
 - facility and operating, requirement, 200-203
 - issuance criteria for operating permit, 206-207
- Plastic tubs, buckets. *See* Single-use articles

- Plates. *See Tableware*
- Plumbing fixture, definition, 14
- Plumbing system
- air gap, 157
 - backflow prevention, 157
 - conditioning device, design, 157
 - construction, 156-157
 - definition, 14
 - design, 156-157
 - device, water system, inspection and service, 160
 - handwashing sink design and construction, 157
 - installation, 156-157
 - location and placement, 159
 - materials, 156
 - numbers and capacities, 158-159
 - operation and maintenance, 159-161
- Poisonous or toxic materials
- bait stations, 194
 - boiler water additives, criteria, 193
 - chemical sanitizers, criteria, 192
 - chemicals for washing fruits and vegetables, criteria, 192
 - common name, 189
 - containers, prohibition for food use, 192
 - definition, 15
 - drying agents, criteria, 193-194
 - in food establishments, use conditions, 192
 - knowledge by person in charge, 26-28
 - lubricants, incidental food contact, criteria, 194
 - pesticides, restricted use, 190
 - restriction of presence and use in food establishments, 190-191
 - storage, separation, 190
 - tracking powders, 194 *See also Pesticides in food establishments*
- Pork. *See Meat*
- Portable. *See Easily moveable*
- Potable water. *See Drinking water*
- Poultry
- cooking requirements, 81
 - consumer self-service, 78-79
 - definition, 15
 - rare or raw, consumer advisory, 104-105
 - raw, storage, 68
 - use of clean equipment, 139-145
 - use of laundered gloves, 147
- Powers of hearing officer, 239-240
- Precleaning equipment and utensils, 143
- Premises
- definition, 15
 - gaining access, 228
 - maintenance, 187. *See also Physical facilities*
- Presentation of food, 102
- Preset tableware, handling, 151
- Pressure, water, 155
- Pressure spray, wet cleaning, 143
- Primal cut, definition, 15
- storage on hooks or racks, 69
- Priority item, definition, 16
- Priority foundation item, definition, 16
- Private home, unapproved food source, 54
- food operations prohibited, 29, 180
- Probationary period, hearing officer's powers, 240
- Probe-type price and identification tags. *See utensil*, 24
- Proceedings, institution, 244
- Processing at retail, 96-101. *See also Annex 6*
- Produce. *See Fruits, raw; Vegetables, raw*
- Proper service of notice, 225
- Prosthetic device, 46
- Public health protection, Code application 197-199
- Public health reasons. *See Public Health Reasons Annex*, 331-545
- Public information, inspection report, 216
- Public sewage treatment plant, disposal through approved facility, 166
- Public water system, definition, 16
- Pushcart. *See Food establishment, definition, mobile*
- Quaternary ammonium compounds, chemical sanitization, 136
- Racks
- case lot handling, 124-125
 - meat storage, 69
 - warewasher, 116, 122-124, 133-136
- Rainwater, disposal facility, 167. *See also Sewage*
- Rapid
- cooling, 90-91
 - growth. *See Time/Temperature Control for Safety Food definition*, 22-23
 - reheating, 87
- Ratites
- cooking, 80
 - definition, 16
 - game animal definition, 10
 - poultry definition, 15
- Ready-to-eat food
- consumer self-service, utensils and dispensers, 78-79
 - definition, 16-17
 - time/temperature control for safety food date marking; disposition, 92-94
 - See also Public Health Reasons Annex*, 450-454; *Model Forms, Guides, and Other Aids Annex*, Chart 4-C
- Reassembly of equipment after cleaning, 149
- Receptacles for refuse, recyclables, and returnables
- capacity and availability, 167-168
 - cleaning, 169
 - covering, 168, 170
 - design and construction, 167-168
 - drain plugs, 171
 - equipment and storage, 168-170
 - location, 169
 - maintenance, 170-171
- Receptacles for removal of refuse, recyclables, and returnables, 167-171
- Records

- availability, responsibility of permit holder, 207-209
- fish, freezing raw, 54, 85-86
- HACCP, 199-203
- HACCP plan conformance, failure to demonstrate, 213-214
- molluscan shellstock, 60-63
- plans, standard operating procedures, *See Public Health Reasons Annex*, 543-545
- water system service schedule, 160
- Recyclables. *See Refuse*
- Recycling facilities, 172
- Redeeming machines, location, 169
- Reduced oxygen packaging
 - conditions not requiring a variance, 97-101
 - conditions requiring variance, 96-97
 - definition, 18
 - HACCP plan and variance criteria, 96-97
 - Thawing, ROP frozen fish, 99
- References. *See References Annex*
- Refilling
 - clean tableware, 74-76
 - consumer self-service, using facilities, 76
 - returnables, 74-76
- Refrigeration, cooling and cold holding, 90-92
- Refusal of access
 - application for inspection order, 207
 - reporting, 213
- Refusal to sign acknowledgment of inspection report receipt, 214-215
- Refuse areas and enclosures, maintenance, 171
- Refuse, definition, 19
- Refuse, recyclables, and returnables
 - cleaning implements and supplies, 169
 - design and construction, 167-168
 - facilities, on the premises, 167-168
 - facilities for disposal and recycling, 172
 - indoor storage area, design, 167
 - location, 169
 - outdoor enclosure, construction, 167
 - outdoor storage areas, construction materials, 167
 - outdoor storage surface, design and construction, 167, 179
 - removal, 171
 - storage, operation, and maintenance, 168-171
 - storage areas
 - equipment, and receptacles, location, 169
 - rooms, and receptacles, capacity and availability, 168
 - storage prohibitions, 170
 - toilet room receptacle, covered, 169
- Regulatory authority
 - definition, 19
 - responsibilities for permit issuance, 207-208
- Reheating
 - food from a hermetically sealed container, 87
 - hot holding, temperature requirements, 87
 - ready-to-eat food, requirements, 87
- Record of hearing procedure, 237
- Reinspection after permit suspension, time frame, 232
- Reinspection order, hearing officer's powers, 239-240
- Reinstatement
 - excluded or restricted employee, 38-45
 - permit, 233
- Releasing food from hold order, 231
- Remedies, 227-245
 - administrative, 228-242
 - conditions warranting, 227-228
 - criteria for seeking, 227-228
 - judicial, 242-245
- Remodeling of food establishment, plans and specifications 200-201
- Removal, refuse, recyclables, and returnables, 170
- Reporting, disease; medical condition
 - By conditional employee, 32
 - by food employee, 32
 - by permit holder, 208
 - by person in charge, 34
- Reporting, imminent health hazard
 - by permit holder, 208, 215
- Request for hearing, 233-237
- Re-service of unopened packaged food and unused
 - definition, 19
 - food, prohibition, 79
 - HSP, 108
- Response to hearing notice
 - basis and time frame, 233-234
 - required contents, 234
- Responsibilities
 - food employee reporting illness, 32
 - person in charge duties and authorities, 29-31
 - person in charge reporting ill employee, 34
 - permit holder for ceasing operations, 215
 - permit holder for permit retention, 208-209
 - regulatory authority for permit issuance, 207
- Restaurant. *See Food establishment*
- Restrict, definition, 19
- Restricted use pesticide, definition, 19
- Restriction
 - employee, release, 38-45, 219
 - infected or diseased employee, 38-45, 218
- Restriction order
 - for infected or diseased employee, 218
 - service, 218
- Restrictions
 - employees, removal, 38-45, 219
 - ill employees, 38-45
- Resumption of operations, 215
- Retail food store. *See Food establishment*
- Retention tank. *See Sewage, holding tank*
- Retirement home. *See Group residence*
- Returnables
 - on-site cleaning and refilling, 75-76
 - refilling, 75-76
 - See also Refuse*
- Reuse of shells, 138. *See also Public Health Reasons Annex*, 507

- Review of plans. *See Facility plans and specifications; Public Health Reasons Annex, 543-544*
- Revocation of permit. *See Summary permit suspension*
- Rhea. *See Ratites*
- Right of appeal, denial of application for operating permit, 207
- Right to hearing, waiver, 233-242
- Rights
 - parties to hearing, 241
 - preservation, 223
 - recipients of orders or decisions, 223
 - respondent to hearing notice, 236-237, 239-240
- Rinsing procedures, equipment and utensils, 144-145
- Risk-based frequency of inspection, 210. *See also Annex 5*
- Roasts, beef and pork
 - Formed/chunked, *see Public Health Reasons Annex, 429-431*
 - minimum holding times for cooking, 81-82
 - oven parameters for cooking, 81-82
 - reheating, 87
- Rodent control, 186
 - in food establishments, poisonous or toxic materials, 190-195
 - outer openings protected, 178-179. *See also Pest control*
- Rodents, dead or trapped, removal, 187
- Roe. *See Fish*
- Roofs, protective barrier, 179
- Rooms. *See Physical facilities*
- Safe material, definition, 19
- Safeguards, procedural, 223
- Salad bars, monitoring by food employees, 79
- Salmonella Typhi**
 - cause of disease outbreak and employee illness, 26-28, 31
 - employee illness, reporting, 33, 34, 213
 - infection, conditions for employee restriction or exclusion, 34-37
 - reporting responsibility of person in charge, 34
- Salmonella Typhi**-free employee, removal of restriction or exclusion, 38, 40. *See Public Health Reasons Annex, Tables 1 and 2*
- Sample report, private water system, 155
- Sampling, water, nonpublic system, 154
- Sanctions or penalties, statement in hearing notice, 236-237
- Sanitization
 - chemical, manual, 135-137
 - chemical, warewashing equipment, 135-137
 - definition, 19
 - equipment and utensils, 145-146
 - hot water temperatures
 - manual, 134
 - warewashing equipment, 135
 - pressure, mechanical warewashing
 - equipment, 135. *See also Poisonous or toxic materials*
- Sanitizing solutions
 - chemical, determining concentration, 135-137
 - detergent-sanitizer, rinsing procedures, 144-145
 - testing devices, availability, 129
 - wiping cloth storage, 73-74
- Scallops. *See Molluscan shellfish*
- Screening
 - backflow prevention device, 157, 159
 - outer openings protected, 178-179
 - tank vent, 162
 - vending machines, 125
 - water conditioning device, 157
- Seafood. *See Fish*
- Sealed, definition, 20
- Seeing Eye dog. *See Service animal*
- Self-draining warewashing sinks and drainboards, 124
- Self-service
 - clean tableware for refills, 74-75
 - consumer, protection from contamination, 78-79
 - handling of single-service and single-use articles, 150
 - utensil availability, 128
- Sentences for violations, 243-245
- Sentry dogs. *See Patrol dogs*
- Service animal
 - care and handling, 51-52
 - definition, 20
 - handwashing after handling, 47
 - handling of single-service and single-use, 187-188
 - presence in dining and sales area, 187-188
- Service of notice
 - proper methods, 225
 - proof of proper service, 226
 - time of effectiveness, 226
- Service sinks
 - availability, 183
 - plumbing system, numbers and capacity, 158
 - use limitation, 48
- Servicing area
 - definition, 20
 - outdoor, overhead protection, 179
- Serving dishes. *See Hollowware*
- Settlement
 - authorization, 241-242
 - consent agreement, approval and final decision by hearing officer, 239
 - request for, 234
 - respondent acceptance as waiver of right to appeal, 242
- Sewage
 - definition, 20
 - disposal, conveying, 166
 - disposal system, approved, design and construction, 166

- holding tank, mobile, 165
- Sewage, other liquid wastes, and rainwater
 - backflow prevention, 165
 - conveying, 166
 - disposal facility, 166
 - drainage, 165, 167
 - establishment drainage system, design
 - and installation, 165
 - mobile holding tank, 165
 - removal from mobile food establishments, 166
 - retention, 165
- Shatterproof bulbs. *See Light bulbs, protective*
- Shielding
- Shellfish, molluscan. *See Molluscan shellfish*
- Shellfish control authority, definition, 20
- Shells, use limitation, 138
- Shellstock
 - date marking, 93
 - definition, 20
 - maintaining identification, 64
- Shielding, light, 176-177
- Shiga toxin-producing *Escherichia coli*, definition, 20
- Shigella** spp.
 - cause of employee illness and disease outbreak, 26-28, 31
 - employee illness, reporting, 33-35, 213
 - infection, conditions of employee restriction or exclusion, 35-36
 - reporting responsibility of person in charge, 34
 - removal of restriction or exclusion, 28-39, 41, 44, *See Public Health Reasons Annex, Tables 1 and 2*
- Shucked shellfish, definition, 20
- Shutoff device, vending machine, water or liquid food, 124
- Single-service and single-use articles
 - construction materials, characteristics, 112-113
 - definition, 20-21
 - handling, 150
 - prohibitions, 150
 - required use, 138
 - reuse limitation, 138
 - storage after cleaning, 149
- Sink compartment requirements, manual warewashing, 126-127
- Sink, handwashing. *See Handwashing facilities*
- Sinks, warewashing
 - cleaning agents, 133
 - self-draining, 124
 - use limitations, 133
- Slacking
 - definition, 21
 - time/temperature control for safety food, conditions, 88-89
- Slash-resistant gloves, 74
- Sleeping quarters. *See Living/sleeping quarters*
- Smoking. *See Tobacco use by employees*
- Smooth, definition, 21
- Sneeze guards. *See Food display*
- Sneezing, coughing, or runny nose by employees, food contamination prevention, 51
- Soap. *See Cleaning agents*
- Soiled tableware, handling, 151
- Solder, use limitation for food-contact surfaces, 109
- Source, approved
 - drinking water, 153
 - food, 54-55
 - shellfish, 56, 60-62
- Sous vide packaging. *See Reduced Oxygen Packaging*
- Spacing
 - carpet installation, 175
 - counter-mounted equipment, 130
 - equipment installation, 130
 - fixed equipment, 130
 - toxic material separation, 190, 194-195
- Spatulas, use to avoid contaminating food, 65
- Specifications. *See Plans*
- Sponges, use limitation, 111
- Spoons. *See Tableware*
- Spot cleaning. *See Floors, dustless cleaning methods*
- Sprouts, seed. *See Time/temperature control for safety food definition*
 - variance, 97
 - guidance, Annex 3, 335, 482
- Stainless steel. *See Cleanability; Easily cleanable*
- Standards of identity, 102. *See also Juice definition*
- Standards
 - Food Code, 1
 - uniform, advantages, *Preface iv-v*
- State and local regulations, ordinances, and statutes. *See Compliance and Enforcement Annex, 221-223*
- Steak, whole-muscle intact beef, 54-55, 82-83
 - See also public health reasons Annex, 403, 431-432*
- Steak tartare, consumer advisory, 104-105
- Steam
 - cleaning equipment, 169
 - mixing valves, 157
 - tables, temperature measurement, 121
 - ventilation, 182
- Stitch pumping. *See Injected*
- Stirrers. *See Single-service articles*
- Stock and retail sale of poisonous or toxic materials and personal care items, storage and display, 196
- Storage
 - clean equipment, utensils, linens, and single-service and single-use articles, 149
 - first aid supplies in food establishments, 195
 - food in contact with water or ice, 71-72
 - maintenance equipment, 185
 - medicines in food establishments, 194-195
 - methods for soiled linens, 147-148
 - poisonous or toxic materials, separation, 190
 - refuse, recyclables, and returnables, operation and maintenance,

- 170-172
- Storage and display of items for stock and retail sale, separation, 196
- Storage areas for refuse, recyclables, and returnables
 - capacity and availability, 168
 - designated, 184
 - location, 169
- Storage cabinets, location for contamination prevention, 129-130
- Storing food to prevent cross contamination, 65-69
- Straws. *See Single-service articles*
- Street foods. *See Food establishment, definition, mobile*
- Studs, joists, and rafters, cleanability, 176
- Stuffing, cooking, 81
- Subpoenas, issued by hearing officer, 239
- Sulfites. *See Additives*
- Summary permit suspension
 - conditions warranting, 231
 - disease intervention measure, 217-219
 - notice, contents, 232
 - reinstatement, 233
 - service of, 225-226
 - time frame, 232
 - warning or hearing not required, 232
- Summary suspension of operations for imminent health hazard, 215
- Summons, issuance, 244
- Supervision of personnel
 - demonstration of knowledge, 26-28
 - person in charge, 29-31
- Surface characteristics
 - indoor areas, 173-174
 - outdoor areas, 174, 179
- Suspension. *See Summary suspension; Compliance And Enforcement Annex, 225-226, 228, 232-234*
- Sweeping compounds. *See Floors, dustless cleaning methods*
- Table-mounted equipment
 - definition, *see counter-mounted equipment definition, 5*
 - elevation, 130-131
- Tablecloths. *See Linens*
- Tableware
 - clean, consumer use in self-service area, supervisor responsibility, 30
 - definition, 21
 - handling, 150-151
 - preset, handling, 151
 - soiled and clean, handling, 150
 - See also Single-service articles*
- Tag on food, hold order, 230
 - official, 230
 - removal, 231
- Tag/label, for molluscan shellstock
 - record keeping, 64
 - requirements, 60-62
- Take-home food containers, refilling, limitations, 75-76
- TCS food. *See time/temperature control for safety food*
- Temperature – Food
 - cold and hot food holding, 91-92
 - cooking, 80-85
 - cooling, 90-91
 - plant food, 84
 - receiving, 58-59
 - reheating, 87
 - roast beef and corned beef, 81-82
 - seared steak, *see steak, whole-muscle intact*
 - thawing TCS food, 89-90
 - Conditions, 89-90
 - ROP frozen fish, 90
- Temperature – Warewashing
 - wash water, manual, 134
 - wash water, mechanical, 134
 - sanitization, manual, 135-137
 - sanitization, mechanical, 135-137
- Temperature measurement devices accuracy, calibration, 137-138
 - definition, 21
 - design and construction, 113, 115-116
 - food, provided and accessible, 128
 - food storage unit air, 116
 - manual warewashing, accessibility, 128-129
 - probe, small diameter, 128
 - scale, 115-116
 - warewashing machines, 122
- Tempered water, handwashing sink, 157
- Temporary facility, water availability, 156
- Temporary food establishment
 - application for permit, 204-206
 - construction materials, 173-174
 - definition, 21
- Testimony under oath at hearing, 241
- Testing kit for sanitizing solutions, availability, 129
- Thawing time/temperature control for safety food, conditions, 89-90
 - ROP frozen fish, 90
- Thermistor, thermocouple, thermometer. *See Temperature measuring device*
- Threads, "V"-type, 114
- Three compartment sink. *See Sink compartment Requirements*
- Time as public health control for time/temperature control for safety food, 94-96
 - in highly susceptible populations (HSP), 96
- Time frame
 - appeal, 234-236
 - correction of priority item or priority foundation item violation, 216
 - Core item violation, 216-217
 - reinspection, 232
 - response to hearing notice or request for hearing, 233-234
- Time/temperature control for safety food definition, 22-24. *See also Food; Food, Time/Temperature for Safety Food, ready-to-eat, time/temperature control for safety*

food guidance, *see Annex 2-3 and Public Health Reasons Annex*, 318, 334-339

Tobacco use by employees, food contamination prevention, 50-51

Tofu, immersion in ice or water, 71

Toilet rooms

- convenience and accessibility, 183
- doors, closing, 186
- enclosed, design and installation, 177
- numbers, 158, 181
- receptacle for sanitary napkins, 169

Toilet tissue, availability, 182

Toiletries. *See Personal care items*

Toilets and urinals

- number, 158
- use limitation, 158

Tongs, use to avoid contaminating food, 65

Toothpaste. *See Personal care items*

Toothpicks. *See Single-service articles*

Towelettes, chemically treated, for handwashing, conditions, 158

Towels

- availability, 181
- disposable, waste receptacle, 181

Toxic. *See Poisonous or toxic materials*

Tracking powder. *See Pesticides in food establishments*

Trade secrets

- confidentiality in hearings, 237
- protection, 203

Training plan, food safety, for employees and for bare hand contact, 30-31, *See Public Health Reasons Annex*, 413-417

- supervisors, HACCP plan, 202
- ROP, 31

Training of employees, 31, 99, 108, 202

Transport

- case lot moving, 124-125
- game animals, 56-58
- insulated containers, 121
- refuse vehicles, 171
- sewage vehicles, 166
- soiled linens, 147
- transportation vehicle, 9
- water vehicles, 155

Trash. *See Refuse*

Tumblers. *See Hollowware*

Tuna, 85-87

Turtle. *See Fish*

Two compartment sink. *See Sink compartment Requirements*

Unnecessary

- items, 171, 187
- ledges, projections and crevices, 115
- persons, 29

Urinals, numbers, 158

"Use by" date. *See Date marking; Public Health Reasons Annex*, 455; *Model Forms*

Guides, and Other Aids Annex, Chart 4-C

User information, *Preface viii-x*

Utensils

- air-drying, 148
- cast iron, use limitation, 110
- ceramic, china, crystal, and decorative, lead limitation, 110
- cleaning criteria, 139-142
- cleaning frequency, 139-142
- consumer self-service, availability, 128
- contact with food, 72
- definition, 24
- design and construction, durability and strength, 113
- galvanized metal, use limitation, 111
- in-use storage, 72-73
- maintenance and operation, 137
- multiuse, construction materials, 109-112
- racks, capacity, 127
- sanitization, 145-146
- serving, for consumer self-service operations, 78-79
- storage after cleaning, 140-150
- storage between use, 72-73
- wet cleaning methods, 143

Utility lines, cleanability, 174-175

"V" threads, use limitation for food-contact surfaces, 114

Vacuum packaging. *See Reduced oxygen packaging*

Variance

- cooking raw animal foods, 80-85
- conformance with approved procedures, 199
- definition, 24
- documentation and justification, 198-199
- guidance, *see Annex 2-3*
- HACCP plan, 199, 201-203
- modifications and waivers, Code application, 198
- molluscan shellfish tanks, 119-120
- rationale, 199
- requirement for specialized food processing methods, 96-97
- sprouting, 97

Vegetables, raw

- cooking for hot holding, 84
- washing, 71
- whole or cut, immersion in ice or water, 71
- whole, uncut, raw, storage, 69

See also Sprouts; time/temperature control for safety food definition

Vehicles for removal of refuse, recyclables, and returnables, 172

Vending machines

- automatic shutoff, 120-121
- can openers, design and construction, 119
- condiments, packaging to prevent contamination, 118
- definition, 24
- design and construction of vending stage closure, 118

- doors and openings, design and construction, 125
- liquid waste products, 124
- location, definition, 24
- time/temperature control for safety food, original container, 120-121, 118-119
- refuse receptacles in, 168
- temperature, 120-121
- Ventilation, mechanical, 116
- Ventilation systems
 - capacity, 127
 - cleaning, nuisance and discharge prohibition, 115-116
 - exhaust vents, design and installation, 113
 - hood, adequacy, 127
 - drip prevention, design and construction, 116
- Verification of correction of priority item and priority foundation item violation, 216
- Vermin. *See Insect control; Pest control; Rodent control*
- Violations, priority item and priority foundation item, continuing, 216
 - demonstration of knowledge compliance with Code, 26-28
 - documentation and verification of correction, 216
 - documentation of findings, 213-215
 - finds and sentences, 244-245
 - history of, role in frequency of inspections, 204-206
 - inspection and correction, 210-217
 - uncorrected, 214
 - Core item, time frame for correction, 216-217
 - timely correction, 216
- Virus. *See Disease outbreaks caused by*
- Vomiting, employee symptom, 32-43
- Waivers. *See also Modifications; Variance*
 - Code requirements, 198
 - conformance with approved procedures, 199
 - prompt hearing, 233-235
 - right to appeal, 235-236
- Walk-in refrigerator, carpeting prohibition, 173-174
 - drains, 175
- Walking surfaces. *See Surface characteristics*
- Wall and ceiling coverings and coatings, cleanability, 176
- Walls, exterior, protective barrier, 179
- Warewashing
 - definition, 24
 - manual, sink compartment requirements, 126-127
 - manual, temperature measuring devices, accessibility, 128
 - mechanical, temperature measuring devices, accessibility, 129
- Warewashing equipment
 - chemical sanitizer concentration, determining, 135-137
 - clean solutions, 133
- manual
 - alternative, 126-127
 - chemical sanitization, 145-146
 - detergent-sanitizers for chemical sanitization, 137
 - cleaning agents, 127
 - heaters and baskets, 122-123
 - hot water sanitization rinsing, 144-145
 - temperatures, 127, 134-135, 145-146,
 - wash solution temperature, 134
 - mechanical chemical sanitization, 135-137
 - hot water sanitization temperatures, 135
 - sanitization pressure, 116, 123, 135
 - wash solution temperature, 134
- Warewashing machines
 - data plate operating specifications, 122
 - drain connection, 165-166
 - flow pressure valve, 123, 496
 - internal baffles, 122
 - loading of soiled items, 143
 - manufacturers' operating instructions, 133, 501
 - sanitizer level indicator, 123, 496
 - temperature measuring devices, 122, 495
- Warewashing sinks
 - alternative use limitation, 126, 133, 495, 502
 - and drainboards, self-draining, 124
- Warning not required for hold order, 218, 229
- Warrants, judicial enforcement proceedings, 244
- Wash solution temperature, warewashing equipment, 134, 501-503
- Washers/dryers, clothes, availability, 128, 498
- Washing,
 - mechanical methods, linens, 130, 147, 498, 511
 - methods, equipment, and utensils, 142-145
 - raw fruits and vegetables, 71, 419
- Waste
 - liquid. *See Sewage*
 - solid. *See Refuse*
- Waste receptacle for disposable towels, 181, 531
- Waste retention tank, flushing, 166, 524
- Water
 - alternative supply, 156, 516
 - distribution, delivery, and retention, 155, 516
 - hot, quantity and availability, 155, 515-516
 - inlet/outlet, protective device, 163, 522
 - nondrinking, 154, 514
 - pressure, 155, 516
 - quality, 154-155, 514-515
 - sample report, 155, 515
 - sampling, 154, 515
 - standards, 154, 514
 - quantity and availability, 155, 515-516
 - source
 - approved system, 153, 514
 - bottled drinking, 154, 514
 - capacity, 155, 515

- disinfection, 154-514
 - knowledge by person in charge, 27
 - system flushing, 154, 514
 - storage or display of food in contact with, 71, 422
- Water activity, definition, 3
- Water conditioning device, 157, 518
- Water reservoir of fogging devices, cleaning, 160, 521
- Water supply
 - alternative supply, 156, 516
 - system, prohibition of cross connection, 160, 520
- Water system, compressed air filter, 163, 522
- Water system device,
 - inspection and service, 160, 520
- Water systems, public and nonpublic, 152, 514
- Water tank
 - hose, construction and identification, 163, 522
 - inlet/outlet and hose fitting, protection, 164, 523
 - sloped to drain, 162, 522
 - use limitation of "V" type threads, 162, 522
 - pump, and hoses, dedicated use, 164, 523
 - vent, protected, 162, 522
- Watertight joint, equipment openings, 117, 491
- Water treatment device, 160, 520
- Wet cleaning methods, equipment and utensils, 143, 510
- Wet storage. *See Storage, food in contact with water and ice; Molluscan shellfish, tanks*
- Wetting agents, 143
- Whole-muscle, intact beef
 - definition, 24
 - consumer advisory exemption, 54-55, 104-105
 - cooking, 81-83
 - labeling, 55, 82-83
- Windows, tight-fitting, 178
- Wiping cloths
 - air-drying locations, 148, 512
 - laundrying, 147-148, 512
 - stored in sanitizer, 78, 423
 - use for one purpose, 73
- Wood, use limitation for food-contact surfaces, 111-112, 487
- Work clothes. *See Clothing, outer*
- Wound, infected. *See Lesion, containing pus*
- Wrapped food
 - honestly presented, 53, 102, 398, 473
 - preventing contamination, 69, 71, 76, 79
 - See also packaged, definition*
- Wrapped tableware, handling, 150-151, 513