

CALIFORNIA CODES
HEALTH AND SAFETY CODE
SECTION 17920-17928

17920. As used in this part:

(a) "Approved" means acceptable to the department.

(b) "Building" means a structure subject to this part.

(c) "Building standard" means building standard as defined in Section 18909.

(d) "Department" means the Department of Housing and Community Development.

(e) "Enforcement" means diligent effort to secure compliance, including review of plans and permit applications, response to complaints, citation of violations, and other legal process. Except as otherwise provided in this part, "enforcement" may, but need not, include inspections of existing buildings on which no complaint or permit application has been filed, and effort to secure compliance as to these existing buildings.

(f) "Fire protection district" means any special district, or any other municipal or public corporation or district, which is authorized by law to provide fire protection and prevention services.

(g) "Labeled" means equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization, approved by the department, that maintains a periodic inspection program of production of labeled products, installations, equipment, or materials and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

(h) "Listed" means all products that appear in a list published by an approved testing or listing agency.

(i) "Listing agency" means an agency approved by the department that is in the business of listing and labeling products, materials, equipment, and installations tested by an approved testing agency,

and that maintains a periodic inspection program on current production of listed products, equipment, and installations, and that, at least annually, makes available a published report of these listings.

(j) "Noise insulation" means the protection of persons within buildings from excessive noise, however generated, originating within or without such buildings.

(k) "Nuisance" means any nuisance defined pursuant to Part 3 (commencing with Section 3479) of Division 4 of the Civil Code, or any other form of nuisance recognized at common law or in equity.

(l) "Public entity" has the same meaning as defined in Section 811.2 of the Government Code.

(m) "Testing agency" means an agency approved by the department as qualified and equipped for testing of products, materials, equipment, and installations in accordance with nationally recognized standards.

17920.3. Any building or portion thereof including any dwelling unit, guestroom or suite of rooms, or the premises on which the same is located, in which there exists any of the following listed conditions to an extent that endangers the life, limb, health, property, safety, or welfare of the public or the occupants thereof shall be deemed and hereby is declared to be a substandard building:

(a) Inadequate sanitation shall include, but not be limited to, the following:

(1) Lack of, or improper water closet, lavatory, or bathtub or shower in a dwelling unit.

(2) Lack of, or improper water closets, lavatories, and bathtubs or showers per number of guests in a hotel.

(3) Lack of, or improper kitchen sink.

(4) Lack of hot and cold running water to plumbing fixtures in a hotel.

(5) Lack of hot and cold running water to plumbing fixtures in a dwelling unit.

(6) Lack of adequate heating.

(7) Lack of, or improper operation of required ventilating equipment.

(8) Lack of minimum amounts of natural light and ventilation required by this code.

(9) Room and space dimensions less than required by this code.

(10) Lack of required electrical lighting.

(11) Dampness of habitable rooms.

(12) Infestation of insects, vermin, or rodents as determined by the health officer.

(13) General dilapidation or improper maintenance.

(14) Lack of connection to required sewage disposal system.

(15) Lack of adequate garbage and rubbish storage and removal facilities as determined by the health officer.

(b) Structural hazards shall include, but not be limited to, the following:

(1) Deteriorated or inadequate foundations.

(2) Defective or deteriorated flooring or floor supports.

(3) Flooring or floor supports of insufficient size to carry imposed loads with safety.

(4) Members of walls, partitions, or other vertical supports that split, lean, list, or buckle due to defective material or deterioration.

(5) Members of walls, partitions, or other vertical supports that are of insufficient size to carry imposed loads with safety.

(6) Members of ceilings, roofs, ceilings and roof supports, or other horizontal members which sag, split, or buckle due to defective material or deterioration.

(7) Members of ceiling, roofs, ceiling and roof supports, or other horizontal members that are of insufficient size to carry imposed loads with safety.

(8) Fireplaces or chimneys which list, bulge, or settle due to defective material or deterioration.

(9) Fireplaces or chimneys which are of insufficient size or strength to carry imposed loads with safety.

(c) Any nuisance.

(d) All wiring, except that which conformed with all applicable laws in effect at the time of installation if it is currently in good

and safe condition and working properly.

(e) All plumbing, except plumbing that conformed with all applicable laws in effect at the time of installation and has been maintained in good condition, or that may not have conformed with all applicable laws in effect at the time of installation but is currently in good and safe condition and working properly, and that is free of cross connections and siphonage between fixtures.

(f) All mechanical equipment, including vents, except equipment that conformed with all applicable laws in effect at the time of installation and that has been maintained in good and safe condition, or that may not have conformed with all applicable laws in effect at the time of installation but is currently in good and safe condition and working properly.

(g) Faulty weather protection, which shall include, but not be limited to, the following:

(1) Deteriorated, crumbling, or loose plaster.

(2) Deteriorated or ineffective waterproofing of exterior walls, roof, foundations, or floors, including broken windows or doors.

(3) Defective or lack of weather protection for exterior wall coverings, including lack of paint, or weathering due to lack of paint or other approved protective covering.

(4) Broken, rotted, split, or buckled exterior wall coverings or roof coverings.

(h) Any building or portion thereof, device, apparatus, equipment, combustible waste, or vegetation that, in the opinion of the chief of the fire department or his deputy, is in such a condition as to cause a fire or explosion or provide a ready fuel to augment the spread and intensity of fire or explosion arising from any cause.

(i) All materials of construction, except those which are specifically allowed or approved by this code, and which have been adequately maintained in good and safe condition.

(j) Those premises on which an accumulation of weeds, vegetation, junk, dead organic matter, debris, garbage, offal, rodent harborages, stagnant water, combustible materials, and similar materials or conditions constitute fire, health, or safety hazards.

(k) Any building or portion thereof that is determined to be an unsafe building due to inadequate maintenance, in accordance with the

latest edition of the Uniform Building Code.

(l) All buildings or portions thereof not provided with adequate exit facilities as required by this code, except those buildings or portions thereof whose exit facilities conformed with all applicable laws at the time of their construction and that have been adequately maintained and increased in relation to any increase in occupant load, alteration or addition, or any change in occupancy.

When an unsafe condition exists through lack of, or improper location of, exits, additional exits may be required to be installed.

(m) All buildings or portions thereof that are not provided with the fire-resistive construction or fire-extinguishing systems or equipment required by this code, except those buildings or portions thereof that conformed with all applicable laws at the time of their construction and whose fire-resistive integrity and fire-extinguishing systems or equipment have been adequately maintained and improved in relation to any increase in occupant load, alteration or addition, or any change in occupancy.

(n) All buildings or portions thereof occupied for living, sleeping, cooking, or dining purposes that were not designed or intended to be used for those occupancies.

(o) Inadequate structural resistance to horizontal forces.

"Substandard building" includes a building not in compliance with Section 13143.2.

However, a condition that would require displacement of sound walls or ceilings to meet height, length, or width requirements for ceilings, rooms, and dwelling units shall not by itself be considered sufficient existence of dangerous conditions making a building a substandard building, unless the building was constructed, altered, or converted in violation of those requirements in effect at the time of construction, alteration, or conversion.

17920.5. As used in this part "local appeals board" means the board or agency of a city or county which is authorized by the governing body of the city or county to hear appeals regarding the building

requirements of the city or county. In any area in which there is no such board or agency, "local appeals board" means the governing body of the city or county having jurisdiction over such area.

17920.6. As used in this part, "housing appeals board" means the board or agency of a city or county which is authorized by the governing body of the city or county to hear appeals regarding the requirements of the city or county relating to the use, maintenance, and change of occupancy of hotels, motels, lodginghouses, apartment houses, and dwellings, or portions thereof, and buildings and structures accessory thereto, including requirements governing alteration, additions, repair, demolition, and moving of such buildings if also authorized to hear such appeals. In any area in which there is not such a board or agency, "housing appeals board" means the local appeals board having jurisdiction over such area.

17920.8. In addition to any other requirements for location of exit signs or devices in hotels, motels, or apartment houses, the State Fire Marshal shall adopt building standards establishing minimum requirements for the placement of distinctive devices, signs, or other means that identify exits and can be felt or seen near the floor. Exit sign technologies permitted by the model building code upon which the California Building Standards Code is based, shall be permitted. These building standards shall apply to all newly constructed occupancies subject to this section for which a building permit is issued, or construction is commenced, where no building permit is issued on or after January 1, 1989.

17920.9. (a) The department shall propose adoption, amendment, or repeal by the California Building Standards Commission pursuant to

Chapter 4 (commencing with Section 18935) of Part 2.5, of those regulations as are necessary for the provision of minimum fire safety and fire-resistant standards relating to the manufacture, composition, and use of foam building systems manufactured for use, or used, in construction of buildings subject to this part, mobilehomes subject to Part 2 (commencing with Section 18000), or factory-built housing subject to Part 6 (commencing with Section 19960), for the protection of the health and safety of persons occupying those buildings, mobilehomes, or factory-built housing. The department shall enforce building standards published in the California Building Standards Code relating to foam building systems, and other rules and regulations adopted by the department or by federal law. Each manufacturer of foam building systems shall have any foam building system manufactured for use in any building, factory-built housing, or mobilehome listed and labeled by an approved testing agency certifying that the system meets fire safety and fire-resistant building standards published in the California Building Standards Code. The department shall consult with all available public and private sources to assist in the development of the building standards and other rules and regulations.

(b) The department shall make inspections of the manufacture of such foam building systems which it determines are necessary to insure compliance with the requirements of subdivision (a).

(c) No person shall sell, offer for sale, or use in construction of buildings subject to this part, mobilehomes subject to Part 2 (commencing with Section 18000), or factory-built housing subject to Part 6 (commencing with Section 19960), in this state, any foam building system, and no person shall sell or offer for sale in this state any such building, mobilehome, or factory-built housing of which a foam building system is a component, which foam building system does not comply with, or has not been listed and labeled by an approved testing agency certifying that the foam building system is in compliance with, the requirements of subdivision (a) on and after the 180th day after the building standards or other rules or regulations become effective.

This subdivision shall not apply to any buildings, mobilehomes, or factory-built housing constructed prior to the 180th day after those

standards become effective.

(d) No person shall sell, offer for sale, or use in construction of any building subject to this part, a mobilehome subject to Part 2 (commencing with Section 18000), or factory-built housing subject to Part 6 (commencing with Section 19960), in this state, any foam building system, and no person shall sell or offer for sale in this state any such building, mobilehome, or factory-built housing of which a foam building system is a component, if the manufacturer thereof refuses to permit the department to conduct the inspections required by subdivision (b) on and after the 180th day after the building standards or other rules or regulations become effective.

(e) As used in this section:

(1) "Foam" means a material made by mixing organic polymers with air or other gases in a manner that forms a solid substance with holes filled with air or gas when the mixture is allowed to set.

(2) "Foam building system" means a system of building materials composed of, in whole or in part, of foam. It includes, but is not limited to, all combinations of systems such as those composed of foam inserted between and bonded to two boundary surface materials or those composed exclusively of foam.

(3) "Building standard" means building standard as defined in Section 18909.

17920.10. (a) Any building or portion thereof including any dwelling unit, guestroom, or suite of rooms, or portion thereof, or the premises on which it is located, is deemed to be in violation of this part as to any portion that contains lead hazards. For purposes of this part, "lead hazards" means deteriorated lead-based paint, lead-contaminated dust, lead-contaminated soil, or disturbing lead-based paint without containment, if one or more of these hazards are present in one or more locations in amounts that are equal to or exceed the amounts of lead established for these terms in Chapter 8 (commencing with Section 35001) of Division 1 of Title 17 of the California Code of Regulations or by this section and that are likely to endanger the health of the public or the occupants thereof as a

result of their proximity to the public or the occupants thereof.

(b) In the absence of new regulations adopted by the State Department of Health Services in accordance with the rulemaking provisions of the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code) further interpreting or clarifying the terms "deteriorated lead-based paint," "lead-based paint," "lead-contaminated dust," "containment," or "lead-contaminated soil," regulations in Chapter 8 (commencing with Section 35001) of Division 1 of Title 17 of the California Code of Regulations adopted by the State Department of Health Services pursuant to Sections 105250 and 124150 shall interpret or clarify these terms. If the State Department of Health Services adopts new regulations defining these terms, the new regulations shall supersede the prior regulations for the purposes of this part.

(c) In the absence of new regulations adopted by the State Department of Health Services in accordance with the rulemaking provisions of the Administrative Procedure Act defining the term "disturbing lead-based paint without containment" or modifying the term "deteriorated lead-based paint," for purposes of this part "disturbing lead-based paint without containment" and "deteriorated lead-based paint" shall be considered lead hazards as described in subdivision (a) only if the aggregate affected area is equal to or in excess of one of the following:

- (1) Two square feet in any one interior room or space.
- (2) Twenty square feet on exterior surfaces.
- (3) Ten percent of the surface area on the interior or exterior type of component with a small surface area. Examples include window sills, baseboards, and trim.

(d) Notwithstanding subdivision (c), "disturbing lead-based paint without containment" and "deteriorated lead-based paint" shall be considered lead hazards, for purposes of this part, if it is determined that an area smaller than those specified in subdivision (c) is associated with a person with a blood lead level equal to or greater than 10 micrograms per deciliter.

(e) If the State Department of Health Services adopts regulations defining or redefining the terms "deteriorated lead-based paint,"

"lead-contaminated dust," "lead-contaminated soil," "disturbing lead-based paint without containment," "containment," or "lead-based paint," the effective date of the new regulations shall be deferred for a minimum of three months after their approval by the Office of Administrative Law and the regulations shall take effect on the next July 1 or January 1 following that three-month period. Until the new definitions apply, the prior definition shall apply.

17921. (a) Except as provided in subdivision (b), the department shall propose the adoption, amendment, or repeal of building standards to the California Building Standards Commission pursuant to the provisions of Chapter 4 (commencing with Section 18935) of Part 2.5, and the department shall adopt, amend, and repeal other rules and regulations for the protection of the public health, safety, and general welfare of the occupant and the public governing the erection, construction, enlargement, conversion, alteration, repair, moving, removal, demolition, occupancy, use, height, court, area, sanitation, ventilation and maintenance of all hotels, motels, lodging houses, apartment houses, and dwellings, and buildings and structures accessory thereto. Except as otherwise provided in this part, the department shall enforce those building standards and those other rules and regulations. The other rules and regulations adopted by the department may include a schedule of fees to pay the cost of enforcement by the department under Sections 17952 and 17965.

(b) The State Fire Marshal shall adopt, amend, or repeal and submit building standards for approval pursuant to the provisions of Chapter 4 (commencing with Section 18935) of Part 2.5, and the State Fire Marshal shall adopt, amend, and repeal other rules and regulations for fire and panic safety in all hotels, motels, lodging houses, apartment houses and dwellings, buildings, and structures accessory thereto. These building standards and regulations shall be enforced pursuant to Sections 13145 and 13146; however, this section is not intended to require an inspection by a local fire agency of each single-family dwelling prior to its occupancy.

17921.1. Notwithstanding the provisions of Section 17921, and except as provided for herein, the department shall not adopt or enforce any rule or regulation relating to the installation, maintenance, or use of a hotplate in a room of any building occupied on or prior to the effective date of this act, if all of the following conditions exist:

- (a) The hotplate is used solely for the cooking or preparation of meals for consumption by not more than two occupants of the room.
- (b) The hotplate contains not more than two burners or heating elements, and has been approved by a testing agency acceptable to the department.
- (c) The installation, maintenance, or use of a hotplate will not be, or is not, hazardous to life or property.
- (d) The hotplate rests on its own legs, is set not closer than six inches from any wall or projection thereof, and rests on an impervious surface.
- (e) The walls behind and adjacent to the hotplate are lined or backflashed with incombustible material equivalent to one-fourth-inch asbestos millboard; the backflashing extends from 12 inches below to 24 inches above the base of the hotplate; and there is 36 inches of clear and unobstructed space above the surface of the hotplate.
- (f) The area of such room is not less than 120 square feet in superficial floor area.
- (g) The room contains an approved sink with hot and cold running water.
- (h) All plumbing in the room complies with the provisions of this part and building standards published in the State Building Standards Code.
- (i) An approved storage cabinet is installed in the room wherein all food, dishes, and cooking and eating utensils are stored when not in use.
- (j) The bed, and any drapes, curtains, towels, or other readily combustible materials, in the room are located so that they do not come in contact with the hotplate.

(k) The room complies with the provisions of this part and building standards published in the State Building Standards Code pertaining to window area, ventilation, ceiling height, and cubic airspace.

(l) An approved method of heating is installed in or for the room and the hotplate is not used for the purpose of heating the room or installed within an unventilated area.

(m) Toilet and bath facilities are installed and maintained in the building as required by this part and building standards published in the State Building Standards Code.

In the event of any structural addition or any alteration or reconstruction involving the floor area of any room the provisions of Section 17921 shall apply.

Any city or county may enact an ordinance to prohibit the installation, maintenance, or use of a hotplate in any room.

"Approved," when used in connection with any material, type of construction, or appliance in this section, means meeting the approval of the enforcement agency as the result of investigation and tests conducted by the agency or by reason of accepted principles or tests by national authorities, technical, health, or scientific organizations or agencies.

17921.3. (a) All water closets and urinals installed or sold in this state shall meet performance, testing, and labeling requirements established by the American Society of Mechanical Engineers standard A112.19.2-2003, or A112.19.14-2001, as applicable. No other marking and labeling requirements shall be required by the state. All water closets and urinals installed or sold in this state shall be listed by an American National Standards Institute accredited third-party certification agency to the appropriate American Society of Mechanical Engineers standards set forth in this subdivision. No other listing or certification requirements shall be required by the state.

(b) (1) All water closets sold or installed in this state shall use no more than an average of 1.6 gallons per flush. On and after

January 1, 2014, all water closets, other than institutional water closets, sold or installed in this state shall be high-efficiency water closets.

(2) All urinals sold or installed in this state shall use no more than an average of one gallon per flush. On and after January 1, 2014, all urinals, other than blow-out urinals, sold or installed in this state shall be high-efficiency urinals.

(3) Each manufacturer selling water closets or urinals in this state shall have not less than the following percentage of models offered for sale in this state of high-efficiency water closets plus high-efficiency urinals as compared to the total number of models of water closets plus urinals offered for sale in this state by that manufacturer:

(A) Fifty percent in 2010.

(B) Sixty-seven percent in 2011.

(C) Seventy-five percent in 2012.

(D) Eighty-five percent in 2013.

(E) One hundred percent in 2014 and thereafter.

(4) Each manufacturer that sells water closets or urinals in this state shall inform the State Energy Resources Conservation and Development Commission, the department, and the California Building Standards Commission, in writing, of the percentage of models of high-efficiency water closets plus high-efficiency urinals offered for sale in this state as compared to the total number of models of water closets plus urinals offered for sale in this state by that manufacturer for each year 2010 to 2013, inclusive, by January 30 of that year.

(c) Any city, county, or city and county may enact an ordinance to allow the sale and installation of nonlow-consumption water closets or urinals upon its determination that the unique configuration of building drainage systems or portions of a public sewer system within the jurisdiction, or both, requires a greater quantity of water to flush the system in a manner consistent with public health. At the request of a public agency providing sewer services within the jurisdiction, the city, county, or city and county shall hold a public hearing on the need for an ordinance as provided in this subdivision. Prior to this hearing or to the enactment of the

ordinance, those agencies responsible for the provision of water and sewer services within the jurisdiction, if other than the agency considering adoption of the ordinance, shall be given at least 30 days' notice of the meeting at which the ordinance may be considered or adopted.

(d) Notwithstanding subdivision (b), on and after January 1, 1994, water closets and urinals that do not meet the standards referenced in subdivision (b) may be sold or installed for use only under either of the following circumstances:

(1) Installation of the water closet or urinal to comply with the standards referenced in subdivision (b) would require modifications to plumbing system components located beneath a finished wall or surface.

(2) The nonlow-consumption water closets, urinals, and flushometer valves, if any, would be installed in a home or building that has been identified by a local, state, or federal governmental entity as a historical site and historically accurate water closets and urinals that comply with the flush volumes specified in subdivision (b) are not available.

(e) (1) This section does not preempt any actions of cities, counties, cities and counties, or districts that prescribe additional or more restrictive conservation requirements affecting either of the following:

(A) The sale, installation, or use of low-consumption water closets, urinals, and flushometer valves that meet the standards referenced in subdivision (a), (b), or (c).

(B) The continued use of nonlow-consumption water closets, urinals, and flushometer valves.

(2) This section does not grant any new or additional powers to cities, counties, cities and counties, or districts to promulgate or establish laws, ordinances, regulations, or rules governing the sale, installation, or use of low-consumption water closets, urinals, and flushometer valves.

(f) The California Building Standards Commission or the department may, by regulation, reduce the quantity of water per flush required pursuant to this section if deemed appropriate or not inconsistent in light of other standards referenced in the most recent version of

the California Plumbing Code, and may refer to successor standards to the standards referenced in this section if determined appropriate in light of standards referenced in the most recent version of the California Plumbing Code.

(g) As used in this section, the following terms have the following meanings:

(1) "Blow-out urinal" means a urinal designed for heavy-duty commercial applications that work on a powerful nonsiphonic principle.

(2) "High-efficiency water closet" means a water closet that is either of the following:

(A) A dual flush water closet with an effective flush volume that does not exceed 1.28 gallons, where effective flush volume is defined as the composite, average flush volume of two reduced flushes and one full flush. Flush volumes shall be tested in accordance with ASME A112.19.2 and ASME A112.19.14.

(B) A single flush water closet where the effective flush volume shall not exceed 1.28 gallons. The effective flush volume is the average flush volume when tested in accordance with ASME A112.19.2.

(3) "High-efficiency urinal" means a urinal that uses no more than 0.5 gallons per flush.

(4) "Institutional water closet" means any water closet fixture with a design not typically found in residential or commercial applications or that is designed for a specialized application, including, but not limited to, wall-mounted floor-outlet water closets, water closets used in jails or prisons, water closets used in bariatrics applications, and child water closets used in day care facilities.

(5) "Nonlow-consumption flushometer valve," "nonlow-consumption urinal," and "nonlow-consumption water closet" mean devices that use more than 1.6 gallons per flush for toilets and more than 1.0 gallons per flush for urinals.

(6) "Urinal" means a water-using urinal.

(7) "Wall-mounted/wall-outlet water closets" means models that are mounted on the wall and discharge to the drainage system through the wall.

(h) For purposes of this section, all consumption values shall be

determined by the test procedures contained in the American Society of Mechanical Engineers standard A112.19.2-2003 or A112.19.14-2001.

(i) This section shall remain operative only until January 1, 2014, or until the date on which the California Building Standards Commission includes standards in the California Building Standards Code that conform to this section, whichever date is later.

17921.4. (a) A nonwater-supplied urinal approved for installation or sold in this state shall satisfy all of the following requirements:

(1) Meet performance, testing, and labeling requirements established by the American Society of Mechanical Engineers standard A112.19.19-2006.

(2) Be listed by an American National Standards Institute accredited third-party certification agency to the American Society of Mechanical Engineers standard A112.19.19-2006.

(3) Provide a trap seal that complies with the California Plumbing Code.

(4) Permit the uninhibited flow of waste through the urinal to the sanitary drainage system.

(5) Be cleaned and maintained in accordance with the manufacturer's instructions after installation.

(6) Be installed with a water supply rough-in to the urinal location that would allow a subsequent replacement of the nonwater-supplied urinal with a water-supplied urinal if desired by the owner or if required by the enforcement agency.

(b) As used in this section, the following terms have the following meanings:

(1) "Building" means any structure subject to this part, and any structure subject to the California Building Standards Law as set forth in Part 2.5 (commencing with Section 18901).

(2) "Water supply rough-in" means the installation of water distribution and fixture supply piping sized to accommodate a water-supplied urinal to an in-wall point immediately adjacent to the urinal location.

(c) Nothing in this section shall restrict the authority of the California Building Standards Commission to require any additional conditions on the installation and use of nonwater-supplied urinals.

17921.6. Except as provided in Sections 18930 and 18949.5, the department shall prepare and adopt minimum standards regulating the use and application of cellular concrete as it determines are reasonably necessary for the protection of life and property.

17921.7. (a) (1) The Legislature finds and declares all of the following:

(A) Acrylonitrile-butadiene-styrene ("ABS") drain, waste, and vent plumbing pipe is used to drain or vent wastewater from kitchens, bathrooms, washers, and plumbing fixtures found in the home. ABS pipe is commonly used in residential construction, and ABS pipe has been installed in the foundations and walls of thousands of single-family homes, apartments, condominiums, and other residences throughout California.

(B) The American Society for Testing and Materials (ASTM) has established specifications for the manufacture of ABS pipe, including a requirement that ABS pipe be made from virgin plastic resin. These specifications have been incorporated into the Uniform Plumbing Code (UPC), which is applicable to all occupancies throughout the state pursuant to subdivision (b) of Section 18938, a provision of the California Building Standards Law (Part 2.5 (commencing with Section 18901)).

(C) ABS pipe that does not meet ASTM requirements might, within a period of a decade or less, crack and leak wastewater and sewage, resulting in structural damage, vermin infestation, and severe health hazards for residents or occupants of buildings in which defectively manufactured ABS pipe has failed. One apparent cause of these

mechanical failures of ABS pipe has been the use of nonvirgin, reprocessed plastic resin for the manufacture of ABS pipe.

(D) The continued use of this nonvirgin, reprocessed plastic resin by some ABS pipe manufacturers violates the requirements of the UPC and is also in violation of the building standards established in accordance with the California Building Standards Law. The problem of the property damage inflicted on the public continues to worsen.

(E) Thousands of California residents either already have, or eventually will, experience serious damage to their homes, apartments, and condominiums, as well as threats to their health and safety, because of the substandard ABS pipe that has been installed, in violation of building standards, in structures throughout the state.

(F) There are currently no statutes or regulations that apply to the sale of defective plastic resin to ABS pipe manufacturers.

(2) It is, therefore, the intent of the Legislature that both of the following occur:

(A) That a provision that addresses the important issues set forth in paragraph (1) be added to the State Housing Law.

(B) That the Department of Housing and Community Development expeditiously implement the provisions of Chapter 413 of the Statutes of 1993 that relate to this section.

(b) On and after the effective date of the act that adds this section, no person shall sell or offer for sale a plastic resin for use in the manufacture of ABS DWV pipe that does not meet the requirements of the listing pursuant to authority granted by subdivision (e).

(c) (1) Any and all plastic resin sold to an ABS DWV pipe manufacturer for use in ABS DWV pipe shall contain a certification that the plastic resin conforms to the requirements specified in the listing pursuant to subdivision (e).

(2) Any and all plastic resin sold to an ABS pipe manufacturer shall be accompanied by a document indicating the name and address of the manufacturer of that plastic resin, the date that the plastic resin was purchased by the seller, and specifications of the chemical and physical properties of the plastic resin. For a period of at least 10 years from the date of the sale of this plastic resin, the

information required to be certified by this subdivision shall be kept onsite at the ABS pipe manufacturing plant, and available for inspection by the enforcement agency, at all times.

(d) No ABS DWV pipe that contains plastic resin that does not meet the requirements of the listing pursuant to subdivision (e) may be sold or offered for sale, or installed in any structure that is subject to this part.

(e) The listing agencies, as approved by the department, shall publish in each listing agreement with ABS DWV pipe manufacturers a list of ABS resins and resin compounds used by that manufacturer and approved for use by the listing agency. The approval of ABS resins and resin compounds shall be based on nationally recognized standards. The listing agencies shall consult with the affected parties.

17921.9. (a) The Legislature finds and declares all of the following:

(1) The deterioration of copper piping has become a serious problem in various communities in the state.

(2) Chlorinated polyvinyl chloride (CPVC) plastic piping has been successfully used for many years in other states and in nations around the globe, and has also been widely used, in accordance with federal regulations, in mobilehome construction.

(3) The Department of Community Development of the City of Colton, acting pursuant to a good-faith belief that it was in compliance with state regulations, approved the use of CPVC piping as an alternative to copper piping in early 1993 when the department was confronted with widespread deterioration of copper piping systems in a tract in the western part of that city.

(4) The retrofitting of homes in Colton with CPVC piping has been successful.

(b) It is, therefore, the intent of the Legislature in enacting this section to allow the use of CPVC piping in building construction in California as an alternate material under specified conditions.

(c) Notwithstanding any other provision of law, the provisions of the California Plumbing Code that do not authorize the use of CPVC

pipng within California shall not apply to any local government that permitted the use of CPVC piping for potable water systems within its jurisdiction prior to January 1, 1996. Any local government that permitted the use of CPVC piping for potable water systems within its jurisdiction prior to January 1, 1996, shall require both of the following:

(1) That the CPVC piping to be used is listed as an approved material in, and is installed in accordance with, the 1994 edition of the Uniform Plumbing Code.

(2) That all installations of CPVC strictly comply with the interim flushing procedures and worker safety measures set forth in subdivisions (d) and (e).

(d) The following safe work practices shall be adhered to when installing both CPVC and copper plumbing pipe in California after the effective date of the act that adds this section:

(1) (A) Employers shall provide education and training to inform plumbers of risks, provide equipment and techniques to help reduce exposures from plumbing pipe installation, foster safe work habits, and post signs to warn against the drinking of preoccupancy water.

(B) For purposes of this paragraph, "training" shall include training in ladder safety, safe use of chain saws and wood-boring tools, hazards associated with other construction trades, hazards from molten solder and flux, and the potential hazards and safe use of soldering tools and materials.

(2) Cleaners shall be renamed as primers, include strong warnings on the hazards of using primers as cleaners, and include dyes to discourage use as cleaners.

(3) Applicators and daubers shall be limited to small sizes.

(4) Enclosed spaces shall be ventilated with portable fans when installing CPVC pipe.

(5) Protective impermeable gloves shall be utilized when installing CPVC pipe.

(6) Employers shall provide onsite portable eyewash stations for all employees to allow for immediate flushing of eyes in the event of splashing of hot flux.

(7) Employers using acetylene torches shall ensure that the acetylene tanks are regularly maintained and inspected in accordance

with applicable regulatory requirements. Fire extinguishers shall be kept in close proximity to the workplace.

(e) All of the following flushing procedures shall be adhered to when installing CPVC pipe in California after the effective date of the act that adds this section:

(1) When plumbing is completed and ready for pressure testing, each cold water and hot water tap shall be flushed starting with the fixture (basin, sink, tub, or shower) closest to the water meter and continuing with each successive fixture, moving toward the end of the system. Flushing shall be continued for at least one minute or longer until water appears clear at each fixture. This step may be omitted if a jurisdiction requires the building inspector to test each water system.

(2) The system shall be kept filled with water for at least one week and then flushed in accordance with the procedures set forth in paragraph (1). The system shall be kept filled with water and not drained.

(3) Before the premises are occupied, the hot water heater shall be turned on and the system shall be flushed once more. Commencing with the fixture closest to the hot water heater, the hot water tap shall be permitted to run until hot water is obtained. The time required to get hot water in a specific tap shall be determined and then the cold water tap at the same location shall be turned on for the same period of time. This procedure shall be repeated for each fixture in succession toward the end of the system.

(f) Nothing in this section shall be construed to affect the applicability of any existing law imposing liability on a manufacturer, distributor, retailer, installer, or any other person or entity under the laws of this state for liability.

(g) This section shall not be operative after January 1, 1998.

17921.10. (a) The standards proposed by the department pursuant to Section 17921 may include voluntary best practice and mandatory requirements related to environmentally preferable water using

devices and measures. The standards shall not unreasonably or unnecessarily impact the ability of Californians to purchase or rent affordable housing, as determined by taking account of the overall benefit derived from the standards.

(b) Nothing in this section shall in any way reduce the authority of the State Energy Resources Conservation and Development Commission to adopt standards and regulations or take other actions pursuant to Division 15 (commencing with Section 25000) of the Public Resources Code.

17922. (a) Except as otherwise specifically provided by law, the building standards adopted and submitted by the department for approval pursuant to Chapter 4 (commencing with Section 18935) of Part 2.5, and the other rules and regulations that are contained in Title 24 of the California Code of Regulations, as adopted, amended, or repealed from time to time pursuant to this chapter shall be adopted by reference, except that the building standards and rules and regulations shall include any additions or deletions made by the department. The building standards and rules and regulations shall impose substantially the same requirements as are contained in the most recent editions of the following uniform industry codes as adopted by the organizations specified:

(1) The Uniform Housing Code of the International Conference of Building Officials, except its definition of "substandard building."

(2) The Uniform Building Code of the International Conference of Building Officials.

(3) The Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials.

(4) The Uniform Mechanical Code of the International Conference of Building Officials and the International Association of Plumbing and Mechanical Officials.

(5) The National Electrical Code of the National Fire Protection Association.

(6) Appendix Chapter 1 of the Uniform Code for Building Conservation of the International Conference of Building Officials.

(b) In adopting building standards for approval pursuant to

Chapter 4 (commencing with Section 18935) of Part 2.5 for publication in the California Building Standards Code and in adopting other regulations, the department shall consider local conditions and any amendments to the uniform codes referred to in this section. Except as provided in Part 2.5 (commencing with Section 18901), in the absence of adoption by regulation, the most recent editions of the uniform codes referred to in this section shall be considered to be adopted one year after the date of publication of the uniform codes.

(c) Except as provided in Section 17959.5, local use zone requirements, local fire zones, building setback, side and rear yard requirements, and property line requirements are hereby specifically and entirely reserved to the local jurisdictions notwithstanding any requirements found or set forth in this part.

(d) Regulations other than building standards which are adopted, amended, or repealed by the department, and building standards adopted and submitted by the department for approval pursuant to Chapter 4 (commencing with Section 18935) of Part 2.5, governing alteration and repair of existing buildings and moving of apartment houses and dwellings shall permit the replacement, retention, and extension of original materials and the continued use of original methods of construction as long as the hotel, lodginghouse, motel, apartment house, or dwelling, or portions thereof, or building and structure accessory thereto, complies with the provisions published in the California Building Standards Code and the other rules and regulations of the department or alternative local standards adopted pursuant to subdivision (b) of Section 13143.2 or Section 17958.5 and does not become or continue to be a substandard building. Building additions or alterations which increase the area, volume, or size of an existing building, and foundations for apartment houses and dwellings moved, shall comply with the requirements for new buildings or structures specified in this part, or in building standards published in the California Building Standards Code, or in the other rules and regulations adopted pursuant to this part. However, the additions and alterations shall not cause the building to exceed area or height limitations applicable to new construction.

(e) Regulations other than building standards which are adopted by

the department and building standards adopted and submitted by the department for approval pursuant to Chapter 4 (commencing with Section 18935) of Part 2.5 governing alteration and repair of existing buildings shall permit the use of alternate materials, appliances, installations, devices, arrangements, or methods of construction if the material, appliance, installation, device, arrangement, or method is, for the purpose intended, at least the equivalent of that prescribed in this part, the building standards published in the California Building Standards Code, and the rules and regulations promulgated pursuant to the provisions of this part in performance, safety, and for the protection of life and health. Regulations governing abatement of substandard buildings shall permit those conditions prescribed by Section 17920.3 which do not endanger the life, limb, health, property, safety, or welfare of the public or the occupant thereof.

(f) A local enforcement agency may not prohibit the use of materials, appliances, installations, devices, arrangements, or methods of construction specifically permitted by the department to be used in the alteration or repair of existing buildings, but those materials, appliances, installations, devices, arrangements, or methods of construction may be specifically prohibited by local ordinance as provided pursuant to Section 17958.5.

(g) A local ordinance may not permit any action or proceeding to abate violations of regulations governing maintenance of existing buildings, unless the building is a substandard building or the violation is a misdemeanor.

17922.1. Notwithstanding Section 17922, local agencies may modify or change the requirements published in the State Building Standards Code or contained in other regulations adopted by the department pursuant to Section 17922 if they make a finding that temporary housing is required for use in conjunction with a filed mining claim on federally owned property located within the local jurisdiction and that the modification or change would be in the public interest and consistent with the intent of the so-called Federal Mining Act of

1872 (see 30 U.S.C., Sec. 22, et seq.), relating to the development of mining resources of the United States.

17922.2. (a) Notwithstanding any other provisions of this part, ordinances and programs adopted on or before January 1, 1993, that contain standards to strengthen potentially hazardous buildings pursuant to subdivision (b) of Section 8875.2 of the Government Code, shall incorporate the building standards in Appendix Chapter 1 of the Uniform Code for Building Conservation of the International Conference of Building Officials published in the California Building Standards Code, except for standards found by local ordinance to be inapplicable based on local conditions, as defined in subdivision (b), or based on an approved study pursuant to subdivision (c), or both. Ordinances and programs shall be updated in a timely manner to reflect changes in the model code, and more frequently if deemed necessary by local jurisdictions.

(b) For the purpose of subdivision (a), and notwithstanding the meaning of "local conditions" as used elsewhere in this part and in Part 2.5 (commencing with Section 18901), the term "local conditions" shall be limited to those conditions that affect the implementation of seismic strengthening standards on the following only:

(1) The preservation of qualified historic structures as governed by the State Historical Building Code (Part 2.7 (commencing with Section 18950)).

(2) Historic preservation programs, including, but not limited to, the California Mainstreet Program.

(3) The preservation of affordable housing.

(c) Any ordinance or program adopted on or before January 1, 1993, may include exceptions for local conditions not defined in subdivision (b) if the jurisdiction has approved a study on or before January 1, 1993, describing the effects of the exceptions. The study shall include socioeconomic impacts, a seismic hazards assessment, seismic retrofit cost comparisons, and earthquake damage estimates for a major earthquake, including the differences in costs, deaths, and injuries between full compliance with Appendix Chapter 1

of the Uniform Code for Building Conservation or the Uniform Building Code and the ordinance or program. No study shall be required pursuant to this subdivision if the exceptions for local conditions not defined in subdivision (b) result in standards or requirements that are more stringent than those in Appendix Chapter 1 of the Uniform Code for Building Conservation.

(d) Ordinances and programs adopted pursuant to this section shall conclusively be presumed to comply with the requirements of Chapter 173 of the Statutes of 1991.

17922.3. Notwithstanding any other provision of law, a residential structure that is moved into, or within, the jurisdiction of a local agency or the department, shall not be treated, for the purposes of Section 104 of the 1991 Edition of the Uniform Building Code, as a new building or structure, but rather shall be treated, for the purposes of this part, as subject to Section 17958.9.

17922.5. Any state or local agency which issues building permits shall require, as a condition of issuing any building permit where the working conditions of the construction would require an employer to obtain a permit from the Division of Occupational Safety and Health pursuant to Chapter 6 (commencing with Section 6500) of Part 1 of Division 5 of the Labor Code, that proof be submitted showing that the employer has received such a permit from the Division of Occupational Safety and Health.

An employer may apply for a building permit prior to receiving the permit from the Division of Occupational Safety and Health.

17922.6. (a) The Office of Noise Control in coordination with the department shall adopt and submit building standards for approval pursuant to Chapter 4 (commencing with Section 18934) of Part 2.5 of this division and shall adopt, amend, and repeal rules and

regulations other than building standards which establish uniform minimum noise insulation requirements for hotels, motels, apartment houses, and dwellings other than detached single-family dwellings.

(b) Such requirements shall be based on performance in order to require compliance onsite where the hotel, motel, apartment house, or dwelling other than a detached single-family dwelling, is located.

(c) Such requirements shall be sufficient to protect persons within the hotel, motel, apartment house, or dwelling other than a detached single-family dwelling, from the effects of excessive noise, including, but not limited to, hearing loss or impairment and persistent interference with speech and sleep.

(d) The provisions of this section, the building standards published in the State Building Standards Code relating to noise insulation, and the other rules and regulations adopted pursuant to this section shall apply equally to those hotels, motels, apartment houses, and dwellings other than detached single-family dwellings, owned, operated, or maintained by any public entity. The department shall enforce such building standards published in the State Building Standards Code and such other rules and regulations with respect to any such hotel, motel, apartment house, or dwelling other than a detached single-family dwelling, which is not subject to the jurisdiction of any local building department.

(e) The provisions of this section, the building standards published in the State Building Standards Code relating to noise insulation, and the other rules and regulations adopted pursuant to this section shall not apply to detached single-family dwellings.

(f) Such other rules and regulations adopted by the Office of Noise Control shall become operative six months after their date of adoption.

(g) Sections 17925, 17958, 17958.5, and 17958.7 shall not apply to the provisions of this section.

17922.7. (a) Except as otherwise provided in subdivisions (b) and (c), the governing body of every city, county, city and county, and public entity shall adopt ordinances or regulations imposing the same

requirements as are published in the State Building Standards Code relating to noise insulation and as are contained in the other rules and regulations adopted pursuant to Section 17922.6 within six months after the date of publication in the State Building Standards Code or the date of adoption of such other rules and regulations. The building standards relating to noise insulation published in the State Building Standards Code and the other rules and regulations adopted pursuant to Section 17922.6 shall apply in any city, county, city and county, or to any hotel, motel, apartment house, or dwelling other than a detached single-family dwelling, which is owned, operated, or maintained by any public entity, if the appropriate governing body fails to adopt such ordinances or regulations within six months after such date of publication or adoption.

(b) In adopting such ordinances or regulations, the governing body of any city, county, city and county, or public entity may make such changes, modifications, or additions to the minimum requirements contained in such building standards relating to noise insulation published in the State Building Standards Code, or in the other rules and regulations adopted pursuant to Section 17922.6, as such governing body determines are reasonably necessary due to local conditions. The governing body may also impose noise insulation standards on a case by case basis on new single-family detached dwellings, if the governing body determines that such standards are necessary due to substantial noise generated by airports, roadways, or commercial and industrial activities immediately surrounding or adjacent to such proposed dwellings. Any local noise insulation standards adopted for single-family detached dwellings shall not exceed comparable standards for multifamily housing. The governing body shall find that ordinances or regulations, adopted pursuant to this subdivision, will require the diminution of the noise levels permitted by the building standards relating to noise insulation published in the State Building Standards Code and in the other rules and regulations adopted pursuant to Section 17922.6.

(c) Prior to making such modifications, changes, or additions pursuant to subdivision (b), the governing body shall make an express finding that such modifications, changes, or additions are needed, which finding shall be available as a public record. A copy of such

finding, together with the modification, change, or addition, shall be filed with the Office of Noise Control.

17922.8. The Office of Noise Control may appoint an advisory committee to assist the office in reviewing and revising the noise insulation standards previously adopted.

17922.9. (a) The Legislature hereby finds and declares that the provision of an adequate level of affordable housing, in and of itself, is a fundamental responsibility of the state and that a generally inadequate supply of decent, safe, and sanitary housing affordable to persons of low and moderate income threatens orderly community and regional development, including job creation, attracting new private investment, and creating the physical, economic, social, and environmental conditions to support continued growth and security of all areas of the state.

The Legislature further finds and declares that many rural communities depend on mortgage financing available through the Farmers Home Administration and that the continued construction of affordable housing is a priority for the state. However, the Legislature, in requiring waiver of certain local requirements respecting adequacy of garages and carports and house size, does not endorse the restrictive Farmers Home Administration regulations that preclude financing of two-car garages and houses exceeding a maximum size.

The Legislature further finds and declares that inadequate housing supplies have a negative impact on regional development and are, therefore, a matter of statewide interest and concern.

(b) Notwithstanding any local ordinance, charter provision, or regulation to the contrary, if the applicant for a building permit for construction of a qualifying residential structure submits with the application a conditional loan commitment letter or letter of intent to finance issued by the Farmers Home Administration of the

United States Department of Agriculture for the structure, the city, county, or city and county issuing the building permit shall not impose any requirement on the permit respecting the size or capacity of any appurtenant garage or carport or house size which exceeds the size or capacity that the Farmers Home Administration will finance under its then applicable regulations and policies. "Qualifying residential structure," as used in this section, means any single-family or multifamily residential structure financed by the Farmers Home Administration and which is restricted pursuant to federal law to ownership or occupancy by households with incomes not exceeding the income criteria for persons and families of low and moderate income, as defined by Section 50093, or more restrictive income criteria.

(c) This section does not preclude a city, county, or city and county from requiring the provision of one uncovered, paved parking space located outside the required setback and outside the driveway approach to the garage or covered parking space plus a garage or covered parking space that does not exceed the size and capacity allowed for Farmers Home Administration financing. However, this setback requirement may not exceed the setbacks applicable to single-family dwelling units in the same zoning district that have two-car garages.

17923. (a) The provisions of Section 17922 are not intended to prevent the use of any material, appliance, installation, device, arrangement, or method of construction not specifically prescribed by this part, the building standards published in the State Building Standards Code relating thereto, and the other rules and regulations promulgated pursuant thereto, providing such alternate has been approved. The department may approve any such alternate if it finds that the proposed design is satisfactory and that the material, appliance, installation, device, arrangement, method, or work offered is, for the purpose intended, at least the equivalent of that prescribed in this part, the building standards published in the State Building Standards Code relating thereto, and the other rules

and regulations promulgated pursuant thereto in performance, safety, and for the protection of life and health.

(b) Whenever there is evidence that any material, appliance, installation, device, arrangement, or method of construction does not conform to the requirements of this part, the building standards published in the State Building Standards Code relating thereto, and the other rules and regulations promulgated pursuant thereto, or in order to substantiate claims for alternates, the department may require tests as proof of compliance to be made at the expense of the owner or his agent.

17924. Rules and regulations shall be promulgated pursuant to Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code, and no state department, officer, board, agency, committee, or commission shall have power pursuant to the provisions of this part to publish building standards, as defined in Section 18909, but shall propose and submit those building standards as deemed necessary to carry out the provisions of this part for adoption and publishing pursuant to the provisions of Part 2.5 (commencing with Section 18901).

17925. Except as provided in Section 17922.6, any person, firm, corporation, or governmental agency that opposes the application of any applicable building standard published in the State Building Standards Code or any other rule or regulation adopted by the department within a particular local area may request a hearing before the local appeals board regarding the matter. If the local appeals board determines after the hearing that because of local conditions or factors it is not reasonable for the building standard, rule, or regulation to be applied in the local area, the building standard, rule, or regulation shall have no application within that local area. A copy of the determination of the local appeals board, together with a report of the local conditions upon which the

determination is based, shall be filed with the department pursuant to Section 17958.7.

17927. The department shall propose the adoption, amendment, or repeal of building standards pursuant to the provisions of Chapter 4 (commencing with Section 18935) of Part 2.5, and the department shall adopt, amend, and repeal other rules and regulations for garage door springs for installation in garages which are accessory to apartment houses, hotels, motels, and dwellings as the department determines are reasonably necessary to prevent the death or injury of persons or damage to property resulting from the breaking of the garage door springs. Except as otherwise provided in this part, the department shall enforce building standards published in the California Building Standards Code relating to garage door springs and other rules and regulations adopted by the department pursuant to this section.

No garage door spring which violates the provisions of any building standard published in the California Building Standards Code relating to garage door springs or any other rule or regulation adopted by the department pursuant to this section shall be sold or offered for sale, or installed in any garage which is accessory to an apartment house, hotel, motel, or dwelling, on or after the date of publication of the building standard or the effective date of the rule or regulation.

17928. (a) (1) The Department of Housing and Community Development shall, for building standards submitted to the California Building Standards Commission for adoption in the 2010 California Building Code or later, do all the following:

(A) Review relevant green building guidelines as deemed necessary by the department when preparing proposed building standards for submittal.

(B) Consider proposing as mandatory building standards those green building features determined by the department to be cost effective

and feasible to promote greener construction.

(2) Nothing in this subdivision shall be construed to supplant or otherwise change the existing process for approval and adoption of building standards through the California Building Standards Commission.

(b) (1) The department shall also summarize in a report to the Legislature no later than September 1 of each year, both of the following:

(A) Green building features proposed as building standards during the prior fiscal year.

(B) Green building guidelines reviewed pursuant to subdivision (a) during the prior fiscal year.

(2) For those items required by this subdivision already included in other reports provided to the Legislature or generally available, the department may fulfill this requirement by citing where that information can be found.