California Code Of Regulations
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Title 22@ Social Security
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Division 4@ Environmental Health
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Chapter 15@ Domestic Water Quality and Monitoring Regulations
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Article 2.5@ Point-of-Use Treatment
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Section 64418.2@ Pou Requirements

CA

64418.2 Pou Requirements

(a)

Each POU must: (1) be independently certified in accordance   with an American National Standard Institute (ANSI) standard that is applicable   to the specific type of proposed POU and that adequately addresses a California   drinking water standard; or (2) be   approved by the State Board upon determination that the proposed POU unit   design, construction, treatment performance, and field or pilot test results   can reliably produce water in compliance with California drinking water   standards under local expected influent water quality and flow   conditions; (3) be owned,   controlled, operated, and maintained by the public water system and/or a   person(s) under contract with the public water system, to ensure proper operation, maintenance, monitoring, and compliance with this Article and applicable drinking water standards; (4) be equipped with a mechanical warning (e.g. alarm, light, etc.) that alerts users when a unit needs maintenance or is   no longer operating in a manner that assures the unit is producing effluent   meeting state and federal drinking water standards, unless the device is   equipped with an automatic shut-off mechanism that prevents the flow of water   under such circumstances; and (5)   be equipped with a totalizing flow meter if: (A) the POU's treatment efficiency or   capacity is volume limited; or (B)   if requested by the State Board following a determination that information   about the quantity of water treated by the POU is necessary to assess POU   efficiency.

(1)

be independently certified in accordance with an American National Standard Institute (ANSI) standard that is applicable to the specific type of proposed POU and that adequately addresses a California drinking water standard; or

(2)

be approved by the State Board upon determination that the proposed POU unit design, construction, treatment performance, and field or pilot test results can reliably produce water in compliance with California drinking water standards under local expected influent water quality and flow conditions;

(3)

be owned, controlled, operated, and maintained by the public water system and/or a person(s) under contract with the public water system, to ensure proper operation, maintenance, monitoring, and compliance with this Article and applicable drinking water standards;

(4)

be equipped with a mechanical warning (e.g. alarm, light, etc.) that alerts users when a unit needs maintenance or is no longer operating in a manner that assures the unit is producing effluent meeting state and federal drinking water standards, unless the device is equipped with an automatic shut-off mechanism that prevents the flow of water under such circumstances; and

(5)

be equipped with a totalizing flow meter if: (A) the POU's treatment efficiency or capacity is volume limited; or (B) if requested by the State Board following a determination that information about the quantity of water treated by the POU is necessary to assess POU efficiency.

(A)

the POU's treatment efficiency or   capacity is volume limited; or

(B)

if requested by the State Board following a determination that information   about the quantity of water treated by the POU is necessary to assess POU   efficiency.

(b)

Except as provided in subsection (c), pilot testing shall be performed by the   public water system, and/or a person(s) under contract with the public water   system, on each proposed type of POU to establish its use limitations and   operations and maintenance criteria, as well as verification that it will   produce effluent that meets drinking water standards under local expected   influent water quality and flow conditions. Pilot testing shall include the   following steps: (1) Prior to performing pilot testing, a pilot testing protocol shall be submitted to the State Board   for review. The pilot testing protocol must be adequate to demonstrate that   water treated by the POU will meet drinking water standards; (2) Pilot testing for a POU shall be   conducted in the manner and for the time period specified by the most current   pilot testing protocol for that POU approved under section   64418.2(b)(1), and shall be conducted for no less than two months; and (3) After completion of the pilot testing,   the public water system shall submit a report to the State Board describing the   results and findings of the pilot testing.

(1)

Prior to performing   pilot testing, a pilot testing protocol shall be submitted to the State Board   for review. The pilot testing protocol must be adequate to demonstrate that water treated by the POU will meet drinking water standards;

(2)

Pilot testing for a POU shall be   conducted in the manner and for the time period specified by the most current   pilot testing protocol for that POU approved under section

64418.2(b)(1),   and shall be conducted for no less than two months; and

(3)

After completion of the pilot testing,   the public water system shall submit a report to the State Board describing the   results and findings of the pilot testing.

(c)

The State Board may exempt a public water   system from the pilot testing requirements in section   64418.2(b), or   permit a reduced level of pilot testing required pursuant to subsection (b),   if: (1) the public water system demonstrates to the State Board that the POUs proposed for use have been tested, by the   public water system or another person, under equivalent water quality and flow conditions; and (2) the   limitations, criteria, and effluent verification in subsection (b) can be   ascertained and have been reported to the State Board.

(1)

the public water system demonstrates   to the State Board that the POUs proposed for use have been tested, by the   public water system or another person, under equivalent water quality and flow   conditions; and

(2)

the   limitations, criteria, and effluent verification in subsection (b) can be   ascertained and have been reported to the State Board.