



# State of Tennessee

## PUBLIC CHAPTER NO. 56

### SENATE BILL NO. 91

By Norris, Jackson

Substituted for: House Bill No. 80

By McCormick, Kevin Brooks, Faison, Hardaway

AN ACT to amend Tennessee Code Annotated, Title 68, Chapter 221, Part 7, relative to the Tennessee Safe Drinking Water Act of 1983.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF TENNESSEE:

SECTION 1. Tennessee Code Annotated, Section 68-221-703, is amended by deleting subdivision (14) in its entirety and substituting instead the following:

(14) "Lead free" means:

(A) Not containing more than two-tenths of one percent (0.2%) lead when used with respect to solder and flux; and

(B) Not more than a weighted average of twenty-five hundredths of one percent (0.25%) lead when used with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures.

(i) The weighted average lead content of a pipe, pipe fitting, plumbing fitting, or fixture shall be calculated by using the following formula: For each wetted component, the percentage of lead in the component shall be multiplied by the ratio of the wetted surface area of that component to the total wetted surface area of the entire product to arrive at the weighted percentage of lead of the component. The weighted percentage of lead of each wetted component shall be added together, and the sum of these weighted percentages shall constitute the weighted average lead content of the product.

(ii) The lead content of the material used to produce wetted components shall be used to determine compliance with this subdivision (14)(B).

(iii) For lead content of materials that is provided as a range, the maximum content of the range shall be used.

SECTION 2. Tennessee Code Annotated, Section 68-221-720, is amended by deleting subsections (a) and (b) in their entirety and substituting instead the following:

(a) All pipes, pipe or plumbing fittings or fixtures, solder, or flux that is used in the installation or repair of any public water system shall be lead free; provided, that this subsection (a) shall not apply to lead joints necessary for the repair of cast iron pipes.

(b) All pipes, pipe or plumbing fittings or fixtures, solder, or flux that is used in the installation or repair of any plumbing, in a residential or nonresidential facility, which provides water for human consumption and is connected to a public water system, shall be lead free.

SECTION 3. Tennessee Code Annotated, Section 68-221-720, is amended by adding the following language as a new, appropriately designated subsection:

( ) Subsections (a) and (b) shall not apply to:

(1) Pipes, pipe or plumbing fittings or fixtures, including backflow preventers, that are used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not anticipated to be used for human consumption; or

(2) Toilets, bidets, urinals, fill valves, flushometer valves, tub fillers, shower valves, fire hydrants, service saddles, or water distribution main gate valves that are two inches (2") in diameter or larger.

SECTION 4. This act shall take effect July 1, 2015, the public welfare requiring it.

SENATE BILL NO. 91

PASSED: March 23, 2015



RON RAMSEY  
SPEAKER OF THE SENATE



BETH HARWELL, SPEAKER  
HOUSE OF REPRESENTATIVES

APPROVED this 6<sup>th</sup> day of April 2015



BILL HASLAM, GOVERNOR