

H.B. 250

AIR QUALITY AMENDMENTS

SENATE FLOOR AMENDMENTS

AMENDMENT 2

MARCH 10, 2016 11:22 AM

Senator **Scott K. Jenkins** proposes the following amendments:

1. *Page 1, Lines 12 through 19*

House Committee Amendments

2-24-2016:

12 ▶ defines terms;

13 { ~~requires the Air Quality Board to make rules regarding the nitrogen oxide limits for~~
14 ~~a natural gas-fired water heater by January 1, 2017;~~ }

15 ▶ prohibits the sale or ~~installation~~ purchase ~~of~~ of a natural gas-fired water heater

15a ~~that is manufactured after July 1, 2018 with the intent to install the natural gas-fired~~

15b ~~water heater in Utah if the natural gas-fired water heater [that] exceeds the~~

16 limits set { ~~by the Air Quality Board~~ } in Title 15A, State Construction and Fire Codes Act ~~;~~ ~~beginning July 1, 2018~~ ;

17 ▶ creates labeling requirements for a manufacturer of a water heater { ~~affected by the~~
18 ~~Air Quality Board's rule~~ } ; and

19 ▶ exempts certain water heater units.

2. *Page 2, Lines 29 through 58*

House Committee Amendments

2-24-2016:

29 Section 1. Section **19-2-107.7** is enacted to read:

30 19-2-107.7. Water heater regulations.

31 (1) As used in this section:

32 { (a) "Heat output" means the enthalpy of the working fluid output of the unit. }

33 { (b) } (a) "Natural gas-fired water heater" means a device that heats water by the combustion

34 of natural gas to a thermostatically-controlled temperature not exceeding 210 degrees

35 Fahrenheit for use external to the vessel at pressures not exceeding 160 pounds per square inch

36 gauge.

37 { (c) } (b) "Recreational vehicle" means a motor home, travel trailer, truck camper, or

38 camping trailer, with or without motive power, designed for human habitation for recreational,

39 emergency, or other occupancy.

40 { (2) Before January 1, 2017, the board shall, in accordance with Section 19-2-104,

41 establish nitrogen oxide limits for a natural gas-fired water heater, expressed in nanograms of

42 nitrogen oxides per Joule of heat output after evaluating:

43 ~~_____ (a) the operation of an appliance with the natural gas heat content available in the state;~~
44 ~~_____ (b) the operation of an appliance at altitudes where natural gas service is available in~~
45 ~~the state; and~~
46 ~~_____ (c) the installed cost of an appliance to ensure that the cost is reasonable compared to~~
47 ~~other strategies to reduce air pollutants. }~~

48 ~~\hat{H} → [(3) Beginning July 1, 2018, no person shall sell or install any natural gas-fired water~~
49 ~~heater manufactured after July 1, 2018, with a nitrogen oxide emission rate exceeding the limit~~
50 ~~set by the board by rule.]~~

50a ~~{~~(3)~~}~~ ~~(2)~~ ~~A person may not sell or purchase a natural gas-fired water heater that is~~
50b ~~manufactured after July 1, 2018 with the intent to install it in Utah if the natural gas-fired~~
50c ~~water heater exceeds the applicable nitrogen oxide emission rate limit set~~ ~~{~~by the board by~~~~
50d ~~rule.}~~ ~~in Title 15A, State Construction and Fire Codes Act~~ ~~\leftarrow ~~\hat{H}~~~~

51 ~~{~~(4)~~}~~ ~~(3)~~ ~~A manufacturer in Utah shall display the model number and nitrogen oxide~~
52 ~~emission rate of a water heater complying with this section on:~~

53 ~~(a) the shipping carton for the water heater; and~~

54 ~~(b) the permanent rating plate of each water heater unit.~~

55 ~~{~~(5)~~}~~ ~~(4)~~ ~~This section does not apply to a water heater unit that:~~

56 ~~(a) uses a fuel other than natural gas;~~

57 ~~(b) is used in a recreational vehicle; or~~

58 ~~(c) is manufactured in Utah for shipment and use outside of Utah.~~