

AIR QUALITY AMENDMENTS

2016 GENERAL SESSION

STATE OF UTAH

Chief Sponsor: Edward H. Redd

Senate Sponsor: Scott K. Jenkins

LONG TITLE

General Description:

This bill deals with the regulation of certain water heaters.

Highlighted Provisions:

This bill:

▶ defines terms;

Ŝ→ [~~→~~ ~~requires the Air Quality Board to make rules regarding the nitrogen oxide limits for a natural gas-fired water heater by January 1, 2017;~~] ←Ŝ

▶ prohibits the sale or ~~Ĥ→~~ [installation] purchase ←Ĥ of a natural gas-fired water heater

~~Ĥ→~~ that is manufactured after July 1, 2018 with the intent to install the natural gas-fired water heater in Utah if the natural gas-fired water heater [~~that~~] ←Ĥ exceeds the

limits set ~~Ŝ→~~ [~~by the Air Quality Board~~] in Title 15A, State Construction and Fire Codes Act ←Ŝ

~~Ĥ→~~ [~~beginning July 1, 2018~~] ←Ĥ ;

▶ creates labeling requirements for a manufacturer of a water heater ~~Ŝ→~~ [~~affected by the Air Quality Board's rule~~] ←Ŝ ; and

▶ exempts certain water heater units.

Money Appropriated in this Bill:

None

Other Special Clauses:

None

Utah Code Sections Affected:

ENACTS:

19-2-107.7, Utah Code Annotated 1953

H.B. 250



28 *Be it enacted by the Legislature of the state of Utah:*

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 ~~Ŝ→ [(a) "Heat output" means the enthalpy of the working fluid output of the unit.~~

33 ~~—— (b)] (a) ←Ŝ "Natural gas-fired water heater" means a device that heats water by the~~
33a ~~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 ~~Ŝ→ [(e) (b) ←Ŝ "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 ~~Ŝ→ [(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.] ←Ŝ~~

48 ~~Ĥ→ [(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 ~~Ŝ→ [(3)] (2) ←Ŝ 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~~ ~~Ŝ→ [by the board by~~
50d ~~rule] in Title 15A, State Construction and Fire Codes Act ←Ŝ . ←Ĥ~~

51 ~~Ŝ→ [(4)] (3) ←Ŝ 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 ~~Ŝ→ [(5)] (4) ←Ŝ 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.~~

Legislative Review Note
Office of Legislative Research and General Counsel