

**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;

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

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

~~H→~~ 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] ←~~H~~ exceeds the

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

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

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

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.