

**DRAFTER'S NOTE**  
**FROM THE**  
**LEGISLATIVE REFERENCE BUREAU**

LRB-3927/P1dn

MGG:bjk:nwn

January 24, 2008

1. This preliminary draft is a starting point. The current definition is very difficult to understand and redrafting it is quite challenging. Also, in my attempt to add the new language to the definition of plumbing, I am sure I made some wrong guesses. **In submitting redraft instructions, please just take a pen or pencil and write the changes on a hard copy. Getting changes that have been “processed” by a computer make the redrafting job much more time consuming.**

2. The main reason that this draft is so challenging is that there are many run-on phrases in the definition. Also, the term “plumbing” is used in several different ways in ch. 145. It is used as a noun to describe the actual fixtures and other “mechanicals,” as well as the concept of a plumbing system. It is also used as a noun to describe the act of installing, repairing, etc. “plumbing.” The current definition encompasses these concepts. The term “plumbing” is also used as an adjective in the phrases such as “plumbing apprentice,” “plumbing code,” and “plumbing contractor.”

In this preliminary draft, I have tried to limit the definition to the noun that the describes the fixtures and other mechanicals. I could not think of alternative terms for “plumbing code” or “plumbing contractor” so I left them alone. I could change “plumbing apprentice” to “plumber apprentice” and “plumbing supervisor” to “plumber supervisor” but have decided not to do so since I was not making any other changes concerning “plumbing” being used as an adjective.

3. There are only several other instances in the statutes where a definition contains the phrase “means and includes.” Under current rules of drafting, these two terms are mutually exclusive. “Means” is used when the definition is exhaustive. “Includes” is used when there may be some other similar items that are not expressed in the definition. I have stricken “and includes.” OK?

4. I have used the series “construction, connection, and installation” because those seem to be the activities that are covered by this chapter. However, under current law, s. 145.02 (1) includes the term “maintenance” and ss. 145.01 (10) (b), 145.04(1), and 145.05 (1) include the term “alteration.” Let me know if you want any changes.

5. Please note that there are many different types of systems that will be referred to in the statutes when the bill becomes law. Each one of these terms should describe a separate type of system and only one system. Please review the following list:

- a. Water systems (without any modifiers). See ss. 145.04 (1) and 145.05 (1) and (2).
  - b. Water supply systems. See ss. 145.01 (3m), 145.01 (10) (a) and (e), and 145.14 (2) (b).
  - c. Water distribution systems. See ss. 145.01 (10) (a) and (e), 145.06 (4) (b), and 145.14 (2) (b).
  - d. Water pressure systems. See s. 145.01 (10) (d).
  - e. Wastewater drainage systems. See s. 145.01 (10) (a).
  - f. Wastewater piping systems. See s. 145.01 (10) (b).
  - g. Stormwater use systems. See s. 145.01 (10) (a).
  - h. Plumbing systems. See s. 145.01 (10) (e).
  - i. Drainage systems (without any modifiers). See s. 145.01 (10) (a) and (e).
  - j. Sewerage systems. See ss. 145.04 (1) and 145.05 (1).
  - k. Waste systems. See s. 145.14 (2) (b).
  - L. Drain piping systems. See s. 145.14 (2) (b).
  - m. Private sewage systems. Many references.
6. Please look at the following statutes and let me know if you want any changes:
- a. Note that there is a specific cross-reference to the definition of plumbing in s. 101.63 (1) (intro.) and (2). Does this still work?
  - b. Review s. 145.05 (2) and how the word “plumbing” is used in the provision. I think changes are needed here.
  - c. Do any changes need to be made to s. 145.06 (4) (b)?
  - d. Should the word “potable” be stricken in s. 145.01 (3m)?

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