

## 2006 UPC – Section 704.3

### Questions:

- (a) Does Section 704.3 address *all* commercial-use dishwashing sinks, whether of single or multiple compartment design?
- (b) Section 704.3 uses the term “adjacent” to describe location of the floor drain. How far from the sink can the floor drain be located and still be considered to be *adjacent*?
- (c) The second sentence in Section 704.3 was difficult for me to understand after the first few words. Will you clarify its meaning or its intent?

### Answers:

Let me answer your questions in the order they were presented.

- 1) The various sinks mentioned in Section 704.3 serve a relatively common purpose, but none of them are distinguished by the number of compartments within the fixture. Whether the fixture has one, two, or more compartments would not effect the intended function or application of the fixture.
- 2) The term “adjacent” means “within close proximity, or nearby”. These are subjective terms that are dependent upon variable factors that may influence what is *reasonable* or possible. The intent is obviously to have the required floor drain in reasonable proximity to the sink it serves after consideration of all variables. The objective is to be as close as reasonable considering all of the factors unique to the specific installation.
- 3) The sentence within Section 704.3 that says; “A floor drain shall be provided adjacent to the fixture, and the fixture shall be connected on the sewer side of the floor drain trap, provided that no other drainage line is connected between the floor drain waste connection and the fixture drain” is such a grammatically flawed sentence that only the first ten (10) words make any sense. In reality, if the intent was to make a technical point by virtue of the concluding language in that second sentence, the poor wording selected by the author resulted in little more than a tortuous attempt to state the obvious. The last part of the second sentence contributes virtually nothing to the content of Section 704.3 because it is so convoluted as to be irrelevant. The last sentence in Section 704.3 sums up the Section quite nicely and says all that needs to be said.

The floor drain vent can be vertically wet-vented by drainage from the adjacent sink, provided the vertical wet-vent section is sized to comply with Section 908.2, and the floor drain trap arm does not exceed its allowable length. Both the sink and

**the floor drain will ultimately discharge into either a grease trap [Hydromechanical Grease Interceptor – (UPC Section 1014.2)] or a grease interceptor.**

**In summary, *fixtures* used for dishwashing and/or dishwashing *machines* shall both be provided a floor drain in close proximity. The dishwashing sink shall be directly *connected* to the DWV piping system, and all *commercial* dishwashing machines shall be **INDIRECTLY** wasted into a receptor (e.g., floor sink) installed for that purpose (SEE: amended Section 807.5). Installation of a floor *sink* does not eliminate the necessity for installation of a floor *drain* in that same area. A floor drain can not serve as an indirect waste receptor, and the floor sink is not an alternative to the required floor drain.**

**Jay Mundy, CIPE, CPD**