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SECTION 2. [675 IAC 18-1.5-4](#) IS AMENDED TO READ AS FOLLOWS:

675 IAC 18-1.5-4 Chapter 3; general requirements

Authority: [IC 22-13-2](#)

Affected: [IC 22-12](#); [IC 22-13](#); [IC 22-14](#); [IC 22-15](#); [IC 36-7-2-9](#)

Sec. 4. (a) In Section 301.2, Energy utilization, delete "all structures" and insert "all Class 1 structures".

(b) In Section 301.4, Listed and labeled, delete "in accordance with Section 105".

(c) Delete Section 301.5, Labeling.

(d) In item 4 of Section 301.6, Information, delete "approval" and insert "acceptance".

(e) Delete Section 301.13, Flood hazard, and substitute "See local ordinance".

(f) Delete Section 301.14, Rodent proofing.

(g) In Section 303.5, insert ", water heaters" after "furnaces".

(h) Amend Section 304.1, General, to read as follows: Equipment and appliances shall be installed in accordance with the conditions of the listing, the manufacturer's installation instructions, and this code unless

otherwise approved.

(i) In Section 304.5, delete "fueling" and insert "fuel".

(j) In Section 306.1, delete the entire text and substitute as follows: Access for maintenance and replacement.

Appliances shall be accessible for inspection, service, repair, and replacement appliances, venting systems or

any other piping or ducts not connected to the appliance being inspected, serviced, repaired, or replaced.

A level

working space at least 30 inches deep and 30 inches wide (762 mm by 762 mm) shall be provided in front of the

control side to service an appliance.

(k) In Section 306.5, insert the following text at the end of the first paragraph: Where access involves climbing

over parapet walls, the height shall be measured to the top of the parapet wall.

(l) In Section 306.5, insert the following text at the end of item 6: Landing dimensions shall be not less than 18"

and not less than the width of the ladder served. A guard rail shall be provided on all open sides of the landing.

(m) In Section 306.5.1, amend to read as follows: 306.5.1 Sloped roofs. Where appliances, equipment, fans,

or other components that require service are installed on a roof having a slope of three units vertical in 12 units

horizontal (25-percent slope) or greater and having an edge more than 30 inches (762 mm) above grade at such

edge, a level platform shall be provided on each side of the appliance or equipment to which access is required

for service, repair, or maintenance. The platform shall be not less than 30 inches (762 mm) in any dimension and

shall be provided with guards. The guards shall extend not less than 42 inches (1,067 mm) above the platform,

shall be constructed so as to prevent the passage of a 21-inch-diameter (533 mm) sphere, and shall comply with

the loading requirements for guards specified in the International Building Code. Access shall not require walking

on roofs having a slope greater than 4 units vertical in 12 units horizontal (33-percent slope). Where access

involves obstructions greater than 30 inches in height, such obstructions shall be provided with ladders installed in accordance with Section 306.5 or stairs installed in accordance with the requirements specified in the International Building Code in the path of travel to and from appliances, fans, or equipment requiring service.

(n) In **Amend** Section 307.2.1 insert **by inserting, after "disposal", "gray water storage or other nonpotable sustainable use" and by inserting** the following text after the first sentence: Such piping shall

maintain a minimum horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12units horizontal (1-percent slope).

(o) In Section 307.2.2, insert the following text after the second sentence: Joints and connections shall be made in accordance with the applicable provisions of Chapter 7 of the Indiana Plumbing Code ([675 IAC 16](#)) relative to the material type.

(p) In Section 307.2.2, delete "an approved method. All horizontal sections of drain piping shall be installed in uniform alignment at a uniform slope" and insert "Table 307.2.2".

(q) Insert Table 307.2.2 to read as follows:

TABLE 307.2.2
CONDENSATE DRAIN SIZING

EQUIPMENT CAPACITY	MINIMUM CONDENSATE PIPE DIAMETER
Up to 20 tons (70.3 kw) of refrigeration	3/4 inch (19 mm)
Over 20 tons (70.3 kw) to 40 tons (141 kw) of refrigeration	1 inch (25 mm)
Over 40 tons (141 kw) to 90 tons (317 kw) of refrigeration	1 1/4 inch (32 mm)
Over 90 tons (317 kw) to 125 tons (440 kw) of refrigeration	1 1/2 inch (38 mm)
Over 125 tons (440 kw) to 250 tons (879 kw) of refrigeration	2 inch (51 mm)

(r) In Section 307.2.3, delete, in item 1, "0.0276-inch" and insert "24 gage (nominal 0.0276)".

(s) In Section 307.2.3.1, amend text to read as follows: 307.2.3.1 Water level monitoring devices. On down-flow units and all other coils that have no secondary drain or provisions to install a secondary or auxiliary drain pan, a water-level monitoring device shall be installed inside the primary drain pan. This device shall shut off the equipment served in the event that the primary drain becomes restricted. Devices installed in the drain line shall not be permitted.

(t) Insert Section 307.2.3.2 to read as follows: 307.2.3.2 Appliance, equipment, and insulation in pans. Where appliances, equipment, or insulation are subject to water damage when auxiliary drain pans fill, such portions of the appliances, equipment, and insulation shall be installed above the flood level rim of the pan. Supports located inside of the pan to support the appliance or equipment shall be water resistant and approved.

(Fire Prevention and Building Safety Commission; [675 IAC 18-1.5-4](#); filed Mar 18, 2008, 2:22 p.m.: [20080423-IR-675070477FRA](#), eff 90 days after filing with the Publisher; filed Sep 25, 2012, 2:42 p.m.: [20121024-IR-675110448FRA](#), eff 90 days after filing with the Publish