

GG296-14

1003.2.5

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Revise as follows:

1003.2.5 Swimming pools and spas. Swimming pools and spas and their equipment shall be in accordance with the following:

1. Outdoor heated swimming pools and outdoor permanent spas shall be equipped provided with a vapor retardant cover listed and labeled in accordance with ASTM F 1346, or a liquid pool cover feed system, for unoccupied hours or other approved vapor retardant means in accordance with Section 105.1.

Exception: A cover shall not be required for indoor pools or spas in which water temperature is less than 80°F (26.7°C) during time of nonuse. Where more than 70 percent of the energy for heating, computed over an operating season, is from site-recovered energy such as from a heat pump or solar energy source, covers or other vapor retardant means shall not be required.

2. Backwash systems shall be based on pressure drop and shall not be based on a timer.
3. Pool and spa recirculation pumps shall be under timeclock control.

Exception: Filtration pumps where the public health standard requires 24-hour pump operation.

4. Heaters shall have been cleaned and tuned for efficiency within one year prior to the alteration. Where this has not been done, the heaters shall be cleaned and tuned as part of the alteration work.

Reason: The ASTM F 1346 Standard applies to safety pool covers, which is covered under Section 305 of the International Swimming Pool & Spa Code. A vapor retardant cover used to reduce heat loss and evaporation may not qualify as a safety cover. Section 303.3 of the ISPSC addresses covers for energy efficiency purposes.

This code change ensures consistency with the ISPSC requirements found in Section 303.3, as well as the cover requirements found in Sections C404.7.3 and R403.9.3 of the IECC.

If a consumer chooses to purchase a cover that complies with both the safety and energy provisions than it will be a cover that complies with ASTM F 1346. However, if they have chosen another means of barrier protection, per Section 305 of the ISPSC, they can then utilize a vapor retardant cover that is not meant for barrier protection but that provides the intent of the energy efficiency and water conservation requirements of this section of the IgCC.

Cost Impact: Will not increase the cost of construction

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