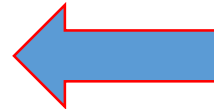




2015 Residential Code Question Of The Week

Two exits are required from an R-3 home day care operated in a manufactured home when the occupant load of the residence is more than ____, including those who are residents.

- A) 5
- B) 7
- C) 9
- D) Two exits shall always be required regardless of occupant load.



SECTION AM103 MEANS OF EGRESS

AM103.1 Exits required. If the occupant load of the residence is more than nine, including those who are residents, during the time of operation of the day care, two exits are required from the ground-level *story*. Two exits are required from a home day care operated in a *manufactured home* regardless of the occupant load. Exits shall comply with Section R311.

[RB] MANUFACTURED HOME. *Manufactured home* means a structure, transportable in one or more sections, that in the traveling mode is 8 body feet (2438 body mm) or more in width or 40 body feet (12 192 body mm) or more in length, or, where erected on site, is 320 square feet (30 m²) or more, and that is built on a permanent chassis and designed to be used as a *dwelling* with or without a permanent foundation where connected to the required utilities, and includes the plumbing, heating, air-conditioning and electrical systems contained therein; except that such term shall include any structure that meets all the requirements of this paragraph except the size requirements and with respect to which the manufacturer voluntarily files a certification required by the secretary (HUD) and complies with the standards established under this title. For mobile homes built prior to June 15, 1976, a *label* certifying compliance to the Standard for Mobile Homes, NFPA 501, in effect at the time of manufacture is required. For the purpose of these provisions, a mobile home shall be considered to be a *manufactured home*.



2015 Commercial Code Question Of The Week

An outdoor patio accessible to and usable by the building occupants, shall be assigned an occupant load factor of ____ square feet of floor area per occupant.

- A) 50 gross
- B) 50 net
- C) 60 gross
- D) Occupant load shall be assigned by the building official in accordance with the anticipated use.

1004.5 Outdoor areas. *Yards, patios, courts* and similar outdoor areas accessible to and usable by the building occupants shall be provided with *means of egress* as required by this chapter. The *occupant load* of such outdoor areas shall be assigned by the *building official* in accordance with the anticipated use. Where outdoor areas are to be used by persons in addition to the occupants of the building, and the path of egress travel from the outdoor areas passes through the building, *means of egress* requirements for the building shall be based on the sum of the *occupant loads* of the building plus the outdoor areas.

Exceptions:


1. Outdoor areas used exclusively for service of the building need only have one *means of egress*.
2. Both outdoor areas associated with Group R-3 and individual dwelling units of Group R-2.





2015 IRC Electrical Code Question Of The Week

Which of the following shall not be a permitted method for connecting an equipment grounding conductor?

- A) Machine screw-type fastener that engages two threads.
- B) Thread-forming machine screw that engages three threads in the enclosure.
- C) Soldered fitting. 
- D) Listed pressure connector.

E3406.13.1 Permitted methods. Equipment grounding conductors, grounding electrode conductors, and bonding jumpers shall be connected by one or more of the following means:

1. Listed pressure connectors.
2. Terminal bars.
3. Pressure connectors listed as grounding and bonding equipment.
4. Exothermic welding process.
5. Machine screw-type fasteners that engage not less than two threads or are secured with a nut.
6. Thread-forming machine screws that engage not less than two threads in the enclosure.
7. Connections that are part of a listed assembly.
8. Other listed means. [250.8 (A)]

E3406.13.2 Methods not permitted. Connection devices or fittings that depend solely on solder shall not be used. [250.8 (B)]