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## **ANSI/RVIA UPA-1**

### **Standard on Uniform Plan Approval for Recreational Vehicles**

**2014 Edition**

#### **Origin and Development of UPA-1**

As the manufacturing of recreational vehicles (RV) began to flourish in the late 1960's, safety standards began to be developed. Several state agencies began to institute rules and regulations that RVs be built to the standards and set up over sight programs to ensure that safety was being followed. Part of the over sight program was the use of plan approvals. These were schematics and detailed notes that outlined to the manufacturers the information they must provide to show compliance with the appropriate standards for RVs. In an effort to have one set of plan approvals developed for use in any state that requires such documents, this UPA-1 standard was created.

Uniform plan approval standards for the recreation vehicle industry were non-existent prior to the development of this standard. Those members of the engineering profession and others associated with the design, manufacturing, and inspection of recreational vehicles have been aware of the need for uniform plan approval standards. They also have recognized that, because of the various agencies involved with plan approval for recreational vehicles, consistency in plan approval development was needed. It is with these factors in mind that this standard has been developed.

The original 2000 edition was developed under the published procedures of the American National Standards Institute utilizing the canvass method and approved by ANSI October 27, 2000.

The 2004 edition mirrors the 2000 edition with the exception editorial changes.

The 2009 edition clarifies how gross trailer square footage is determined and added a requirement to identify the location of gasoline fuel dispensing hose nozzle on the floor plan, along with several other editorial changes.

The 2014 edition reflects several revisions to key industry terms, such as changing "LP" to "propane" and "exit" to "means of escape" and "detectors" to "alarms" and "gasoline" to "liquid fuel." These changes in terms mirror what is now used in the 2014 edition of NFPA 1192 *Standard for Recreational Vehicles*. In addition several minor other editorial changes were made.

#### **Statement of Development Procedures**

This standard was developed under the published procedures of the American National Standards Institute utilizing the canvass method for developing evidence of a consensus. While these procedures assure the highest degree of care, neither the Recreation Vehicle Industry Association, its members, nor those participating in its activities accepts any liability resulting from compliance or on-compliance with the provisions herein, for any restrictions imposed on materials or processes, or the completeness of the text.

All questions or requests for information on obtaining formal interpretations, proposing amendments and appeals on matter relating to the contents of this document should be directed to the Vice President, Standards & Education, RVIA, PO Box 2999, Reston, VA 20191-0999.