

## Displaying The RPTIA Seal

### The Manufacturer's Certification Of Compliance

Each manufacturer member of RPTIA who meets the requirements of this program is granted the right and privilege to display the RPTIA Standards Seal. The seal is an external recognition of the achievement that the manufacturers have made in their commitment to maintain compliance to the Standard. The seal is displayed, with pride, near the primary entrance to the Recreational Park Trailer.



## Highlights From The 2005 Version Of The A119.5 Recreational Park Trailer Standard

**Electrical Requirements** as specified in Article 552 and other applicable sections of NFPA 70, of the National Electrical Code.

- Ground fault protected receptacles are specified where they are appropriate.
- Only approved electrical fixtures, appliances, equipment and materials as have been labeled by nationally recognized testing agencies are allowed.
- Voltage tests are performed on the completed Recreational Park Trailer to determine that the electrical system is adequately insulated and without short circuits.

### Plumbing Systems:

- All fixtures, materials and equipment must be approved and display the insignia or label of approval by a testing agency such as the National Sanitation Foundation (NSF) or the International Association of Plumbing and Mechanical Officials (IAPMO)
- Water supply lines are sized according to the length of the line to assure an adequate flow rate to each fixture.
- Venting and traps - designated fixtures and drains are required to have a trap that is vented to prevent the buildup of back pressure or vacuums which could overcome the trap's water or mechanical seal.

- Testing - Each plumbing system is tested following final assembly to insure that proper drainage and a leak-free performance is achieved.

**Heating (LP-Gas)** requirements are intended to minimize any hazard of leakage that could cause a fire, asphyxiation or explosion.

- Venting requirements are specified where necessary.
- Gas piping sizes are required to insure a gas supply that provides for proper appliance performance.
- 80% stop fill devices are required on all permanently installed LP gas containers.
- Gas line routing and accessibility - all joints in gas lines must be accessible for periodic leak testing and repair. Lines may not be installed in spaces where a nail or screw could pierce the line.
- Appliances must be listed and labeled by a nationally recognized testing agency, such as the American Gas Association (AGA), which has found the product to be suitable for its intended use.
- Sealed combustion is provided for with all LP-gas appliances, except for gas ranges, to provide for a complete separation of the combustion chamber from the interior atmosphere.
- Testing - each system must be tested upon final assembly to determine proper leak-free performance.

**Construction Requirements** are applicable only to Recreational Park Trailers that exceed 8' 6" in width, units that are designed for placement on a site for longer terms and not intended for frequent highway travel.

- Roofs and floor loads must meet a minimum of 30 pounds live load per square foot. Structural materials and fastening devices, as specified, shall be of specific sizes and meet listed requirements when used for a particular application.

### New Requirements for 2005 Include:

- Minimum safety requirements for porches and/or decks attached to the chassis at either end of the unit and also for loft areas, (a storage and infrequent use area with a ceiling to floor height of less than 60").
- A change now allows units to be built and classified as Recreational Park Trailers without the mandatory inclusion of plumbing and kitchen appliances when being used in developments with fully equipped bathhouses.
- A new requirement for an LP gas leak detector has been added. Recreational Park Trailers also now include units less than 320 square feet provided they are wider than 8' 6".

## Recreational Park Trailer Industry Association, Inc.

### ANSI A119.5 STANDARDS PROGRAM

An overview of RPTIA's A119.5 Safety Standards program with a description of the process that keeps this program effective



Look for the RPTIA Seal  
It Provides Tangible Benefits To All

Product Safety  
An Integral Part of the  
RPTIA Standards Program

Mailing Address: 30 Greenville St. 2<sup>nd</sup> Floor  
Newnan, Georgia 30263-2602  
Phone 770-251-2672 - FAX 770-251-0025  
Shipping Address: P.O. Box 10  
Newnan, Georgia 30264-0010  
E Mail: <info@rptia.com>  
Web Site: <http://www.rptia.com>

© May 2005 RPTIA

## **The Recreational Park Trailer Industry Association, Inc. (RPTIA)**

**What Is This Organization?** RPTIA is a non-profit Trade Association whose voting members include the manufacturers, suppliers, and service firms who produce or service Recreational Park Trailers. The Association also represents as nonvoting Associate Members, dealers and parks or the allied associations that represent them. RPTIA exists to unite all recognized segments of the industry so they may, in consort, have effective influence upon matters of public interest involving the betterment of the industry. The Association's members produce 95% of all US built Recreational Park Trailers.

**What Are Recreational Park Trailers?** Recreational Park Trailers are recreation vehicles primarily designed and intended to provide temporary living quarters for recreation, camping or seasonal use. They are built on a single chassis, mounted on wheels with a gross trailer area not exceeding 400 square feet when set up. Each Recreational Park Trailer is certified by its manufacturer as complying with ANSI A119.5. Two different types of Recreational Park Trailers are offered. One is less than 8' 6" in width and is designed for frequent travel on highways while the other, more popular type, is wider than 8' 6" (usually 12' in width), and must be transported with special movement permits issued by the state highway department. The 8' 6" unit is expandable when it reaches its destination utilizing slide-outs or tip-outs. The wider, less mobile units are usually sited in RV parks for extended terms, typically for several years.

### **The Standard - ANSI A119.5**

**How Is It Created?** The American National Standards Institute (ANSI) is a nonprofit association that establishes procedures and guidelines to create recognized minimum safety standards for products used by both consumers and industry. ANSI sanctions standards that have been created following rigid canvass procedures that allow all affected entities a voice in their development. Among the critical issues reviewed by ANSI is the makeup of the committee empowered to establish or revise the Standard. All segments must be represented and no interest group can be in a position to dictate the outcome. A standards making committee for Recreational Park Trailers has existed since

1980, and the canvass method was utilized to create the first safety standard sanctioned by ANSI in March of 1982. The A119.5 Standard covers 500 safety-related requirements that must be complied with in the production and/or repair of Recreational Park Trailers. The Standard was revised, using the canvass method, in 1988. Subsequent canvass method reviews also occurred in 1993 and in 1998. The current version was certified by ANSI and was published in April 2005. The requirements found in this Standard (either directly or by reference) include sections covering electrical, plumbing, structural, heating, air conditioning, and fire and life safety issues. Copies of this 36 page Standard are available for \$36.75, including priority mail postage and handling, from: RPTIA, PO Box 10, Newnan, GA 30264-0010.

### **RPTIA Members Pledge**

#### **Manufacturers Build To This Standard**

Upon joining RPTIA, manufacturers are required to pledge that they will build Recreational Park Trailers that conform to the A119.5 Standard. The pledge, in part, reads: "We pledge to produce Recreational Park Trailers in compliance with the ANSI Standard A119.5 and agree to allow initial and ongoing unannounced inspections to verify our pledge. We understand that membership in the Association may be revoked or is subject to disciplinary action following due process should the manufacturer fail to achieve or maintain the required conformance to the A119.5 Standard."

### **Standards Inspections**

#### **Verifying The Pledge**

RPTIA maintains a list of third-party inspection agencies that are qualified either by being appointed by one or more state agencies of government to conduct A119.5 standards inspections or can demonstrate their ability to meet the requirements (stipulated by the American Society for Testing and Materials Standard E-541) for a third-party agency. Manufacturers must appoint an RPTIA approved agency to conduct unannounced in-plant inspections that will take place at least once every 90 days. During the inspection all products on location destined for US shipment will be subject to inspection for compliance. Compliance discrepancies are ranked according to their severity. A Type A deviation covers any deficiency that might immediately cause a serious injury. A Type B deviation is any deficiency that may in the future (following normal wear) cause a serious injury. A Type C deviation is all other deficiencies not classified as either an A or B. Upon being cited for any deviation(s), a manufacturer has ten days in which to respond in writing to the agency and to RPTIA's General Counsel, detailing the actions taken to rectify the specified problem(s).

## **Standards Enforcement**

### **Disciplinary Action:**

Should a manufacturer be cited with a repeated A deviation, a twice-repeated B, or a three-time repeated C deviation, the following disciplinary action shall be imposed. Within the next thirty days an additional inspection, paid for by the manufacturer, will take place. Should the previously reported A B or C deviation be resolved, the manufacturer reverts to the normal inspection frequency of 90 days. Should this discrepancy be cited again, RPTIA's Board of Directors shall review the discrepancy and this manufacturer's performance, and additional discipline or the dismissal of the firm from RPTIA's membership may be imposed.

### **State Mandated A119.5 Compliance:**

Laws and/or agencies of several state governments also have established programs that mandate and enforce A119.5 Standard compliance for Recreational Park Trailers. These states include: Alabama, Kentucky, Nebraska, New Jersey, Oregon, Tennessee, and Washington. Additional states mandate A119.5 compliance by law but do not maintain an enforcement program. In addition, courts across America use the A119.5 Standard as a nationally recognized safety standard to determine the minimum levels of safety for Recreational Park Trailers.

## **Maintaining The Program**

### **Updates And New Technology:**

Keeping the Standard up-to-date and insuring that the inspections and enforcement procedures are uniform in their application are two of the primary missions of the RPTIA. To assist the industry with continuity, the Association also publishes and updates [A Handbook for the A119.5 Standard](#) that covers interpretations and gives guidance as to how the Standard shall be applied. The maintenance of the Handbook is based upon a consensus of interpretations from the various inspecting organizations, both government and third-party. Updates to the document are initiated after the new standard has been enforced for at least six months, giving the inspectors the opportunity to be totally familiar with the revisions. Copies of the Handbook are available for \$140.00 including priority mail postage and handling, from: RPTIA, PO Box 10, Newnan, GA 30264-0010 .