

ANSI/EGS-1

American National Standard

Engine Generator Sets for Recreational Vehicle Safety Requirements

2013 Edition

Notice

The Canvass Committee on Engine Generator Sets EGS-1 was created to establish minimum safety requirements for the listing of engine generators, intended for installation and operation in recreational vehicles and similar mobile applications.

Origin and Development of ANSI/EGS-1

1973-1976

A task group for the development of an Engine Generator Set for Safety Standard for Recreational Vehicles was established in early 1973, and this group met three times in 1973, to draft the first proposed engine generator standard. The group considered a proposed safety standard for engine-generator sets for recreational vehicles, that was prepared by United States Testing Company, Inc., Hoboken, NJ., and also a similar drafted standard from Underwriters Laboratories, Northbrook, IL., as the bases for development of ANSI/EGS-1.

A final draft was developed and circulated to the task group for vote by written ballot. The project then fell dormant for several years, but finally the first edition of ANSI/EGS-1 was approved as an American National Standard and published on May 24, 1976.

1977-1986

Not until 1986 was there an update to the 1976 edition of ANS/EGS-1. The 1986 edition was developed by the CANVASS LIST – EGS-1, using the ANSI canvass method and approved by ANSI. The only substantive changes since the previous (1976) edition were added definitions to Part 4. Definitions, revised section titles to provide more clarity, several new technical tables, a new Appendix B addressing Effects of Frequency and Voltage Variations and a new Appendix C identifying publications listed within the text of ANSI/EGS-1.

Some editorial revisions were accomplished in other parts, and references to other standards were updated.

1987-1993

The next edition of the ANSI/EGS-1 was published in 1993. The Canvass Committee for this edition was expanded from 10 individuals to 19 individuals, giving a more comprehensive representation to the Accredited Canvass List.

ANSI approved this 1993 edition on August 5, 1993.

The 1993 edition included revisions to the product classification of generators sets, revisions to the RV definition, upgraded existing artwork, added new language to address test criteria for non-metallic parts, revised temperature testing criteria, and new exhaust system requirements. Some editorial revisions were accomplished in other parts, and references to other standards were updated.

1994-1998

In 1998 the next edition of ANSI/EGS-1 was published. This edition was approved by ANSI on March 9, 1998.

The 1998 edition included minor changes in almost all chapters, with a more detailed drawing in Appendix B, that addresses allowable voltage and frequency variation. Some editorial revisions were accomplished in other parts, and references to other standards were updated.

1998-2003

The EGS-1 Canvass Committee voted to reaffirm the current 1998 edition and publish it as a 2003 edition. Therefore, this edition contains no substantive changes, only necessary editorial changes to the Table of Contents.

2003-2009

This 2008 edition of ANSI/EGS-1, Standard for Engine Generator Sets for Recreational Vehicle Safety Requirements, was prepared by the Canvass Committee on Engine Generator Sets EGS-1 and acted on by the American National Standards Institute. The EGS-1 Canvass Committee took action on forty four proposed changes to this standard.

This edition of ANSI/EGS-1 was approved as an American National Standard on July 3, 2008.

2009-2013

The only change in the 2013 edition is a complete re-write of the section “6. Manufacturer’s Instructions” providing clarity regarding requirements for both the operators manual and installation instructions.