



ANSI/ISEA

113 - 2008

American National Standard
for Fixed and Portable
Decontamination Shower Units

ANSI/ISEA 113-2008

**American National Standard for
Fixed and Portable Decontamination Shower Units**

Secretariat
International Safety Equipment Association

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American National Standards Institute, Inc.

American National Standard

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Foreword (This Foreword is not part of American National Standard ANSI/ISEA 113-2008)

Since the devastating 9-11 attacks on the USA, portable hazmat decontamination shower systems of all types have appeared in the North American marketplace - from homemade plastic and saw horse showers to single user pneumatic and metal framed shower units and multiple line 3- and 4- stage mass casualty shower systems. While most products were well-intentioned, no actual standard in terms of flow rates, water stream, shower head placement, and other pertinent performance characteristics existed prior to the development of this standard.

This first edition of ANSI/ISEA 113 was developed to provide manufacturers, users, and specifying influences with a consistent set of design guidance in the form of minimum performance requirements and testing procedures for decontamination showers. The standard was prepared by the Emergency Eyewash and Shower Group of the International Safety Equipment Association, whose members are thoroughly knowledgeable in the design, set up, and use of this important safety equipment. Current members of the Group include: Acorn Safety, Bradley Corporation, H.L. Bouton Co., Inc., Encon Safety Products, FSI North America®, Haws Corporation, Prevor, Inc., Sellstrom Manufacturing Company, Speakman Company, Sperian Protection and Therm-Omega Tech.

In addition, valuable outside comments and assistance was sought and offered by various end users in emergency management, fire, state and federal agencies, hospitals, and industry from across North America.

This standard is not meant nor designed to offer direction to professionally trained first responders in how these shower systems shall be deployed or placed at a scene.

Training in the care, use, and maintenance of all portable hazmat decontamination shower systems should be followed in accordance with the actual manufacturer's instructions.

Although not specifically addressed in this standard, consideration should also be given to the proper disposal of waste flushing fluids after use. The use of waste pumps and bladder tanks to pump out and hold the 'dirty water' for removal to an authorized disposal site, along with outside environmental conditions are some but not all of the considerations. Always consult local, state, and federal regulations that may apply.

Suggestions for the improvement of this standard are welcome. They should be sent to the ISEA, 1901 N. Moore Street, Suite 808, Arlington, VA 22209.

This standard was processed and approved using consensus procedures prescribed by the American National Standards Institute. The following organizations were contacted prior to the approval of this standard. Inclusion in this list does not necessarily imply that the organization concurred with the submittal of the proposed standard to ANSI.

Carolinas Medical Center
Fire Department City of New York
FSI North America
Hopkins Hill Fire Rescue
Inova Health System
International Association of Firefighters
International Association of Hazardous Materials
Handlers
International Personnel Protection, Inc.
International Safety Equipment Association

Metro Louisville Hazmat Team
Mifflin Township Division of Fire
Performance Site Company
Safety Equipment Institute
Salem Fire Department
TVI Incorporated
Virginia Department of Emergency Management
U.S. Department of Labor – OSHA
U. S. Environmental Protection Agency
Washington Township Fire Department

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