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102-1990 (R2009)

American National Standard for Gas Detector Tube Units— Short Term Type for Toxic Gases and Vapors in Working Environments

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American National Standard for Gas Detector Tube Units—

Short Term Type for Toxic Gases and Vapors in Working Environments

Secretariat International Safety Equipment Association

Approved May 25, 1990 American National Standards Institute, Inc.

American National Standard

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FOREWORD (This foreword is not part of American National Standard ANSI/ISEA 102-1990)

This standard has been drafted to establish a voluntary standard for gas detector tube units. The standard was developed from the National Institute for Occupational Safety and Health (NIOSH), originally titled 42 Code of Federal Regulations 84-1973. Its use was discontinued in recent years.

The purpose of this standard is to provide a means of continual testing of gas detector tube units and components for accurate performance in working environments, by determining the concentration of toxic gases and vapors.

This standard was processed and approved for submittal to ANSI by the Canvass Method. The following organizations recognized as having an interest in the standardization of diffusive sampling devices 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.

AFL-CIO

Alliance for American Insurers American Gas Association

American Industrial Hygiene Association

American Iron and Steel Institute American Mining Congress American Petroleum Institute

Bituminous Coal Operators Association Chemical Manufacturer Association Compressed Gas Association

Edison Electric Institute

Hazardous Material Research Center

Industrial Health Foundation

Industrial Safety Equipment Association

Instrument Society of America

International Brotherhood of Electrical Workers

International Chemical Workers Union

Matheson Gas Products Mobil Oil Corporation

National Fire Protection Association National Institute for Occupational Safety

and Health

National Safety Council

Occupational Safety and Health Administration Oil, Chemical and Atomic Workers Union

Sensidyne, Inc.
United Auto Workers
United Mine Workers
United Steel Workers
U.S. Department of Labor

Suggestions for the improvement of this standard will be welcome. They should be sent to the ISEA, 1901 No. Moore Street, #808, Arlington, VA 22209, isea@safetyequipment.org.

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