American National Standard
for Gas Detector Tube Units—
Short Term Type for Toxic Gases
and Vapors in Working Environments
ANSI/ISEA 102-1990 (R2015)

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

Secretariat
International Safety Equipment Association

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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                              International Chemical Workers Union
Alliance for American Insurers       Matheson Gas Products
American Gas Association             Mobil Oil Corporation
American Industrial Hygiene Association National Fire Protection Association
American Iron and Steel Institute    National Institute for Occupational Safety
American Mining Congress             and Health
American Petroleum Institute         National Safety Council
Bituminous Coal Operators Association Occupational Safety and Health Administration
Chemical Manufacturer Association    Oil, Chemical and Atomic Workers Union
Compressed Gas Association           Sensidyne, Inc.
Edison Electric Institute            United Auto Workers
Hazardous Material Research Center   United Mine Workers
Industrial Health Foundation         United Steel Workers
Industrial Safety Equipment Association U.S. Department of Labor
Instrument Society of America
International Brotherhood of Electrical Workers

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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