



CGA P-44—2017
SELECTION OF PERSONAL
PROTECTIVE EQUIPMENT

SECOND EDITION

PREFACE

As part of a program of harmonization of industry standards, the Compressed Gas Association (CGA) has issued CGA P-44, *Selection of Personal Protective Equipment*, jointly produced by members of the International Harmonization Council and originally published by the European Industrial Gases Association (EIGA) as EIGA Doc 136, *Selection of Personal Protective Equipment*.

This publication is intended as an international harmonized standard for the worldwide use and application of all members of the Asia Industrial Gases Association (AIGA), Compressed Gas Association (CGA), European Industrial Gases Association (EIGA), and Japan Industrial and Medical Gases Association (JIMGA). Each association's technical content is identical, except for regional regulatory requirements and minor changes in formatting and spelling.

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NOTE—Technical changes from the previous edition are underlined.

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1 Introduction

The first principle of safety risk mitigation should be elimination, substitution, and engineering controls. When exposure to hazards cannot be completely engineered out from the work area and tasks, and when safe work practices and other forms of administrative controls cannot provide sufficient additional protection, then a supplementary method of control is the use of personal protective equipment (PPE).

Also, the potential to reduce time and frequency of exposure of workers to health and safety risks should be evaluated.

This publication provides guidance on a work process for selecting and using PPE at work. Selection tables are included which are general examples of PPE for protecting personnel against hazards that could cause harm.

The information in the selection tables should not be used without giving due consideration to the prevailing work area and environmental conditions by means of specific task based risk assessments.

2 Scope and purpose

The publication is intended to provide guidance and examples in selection and use of PPE. It supplements other techniques for assessing and controlling risk.

This publication is not intended to replace the need for conducting a task specific risk assessment or to provide details on other administrative or management program elements that can be associated with the proper use of certain types of PPE.

Regulatory bodies may have jurisdiction and influence PPE selection and use.

This publication does not address portable devices for detecting and signaling risks.

3 Definitions

3.1 Publication terminology

3.1.1 Shall

Indicates that the procedure is mandatory. It is used wherever the criterion for conformance to specific recommendations allows no deviation.

3.1.2 Should

Indicates that a procedure is recommended.

3.1.3 May

Indicates that the procedure is optional.

3.1.4 Will

Is used only to indicate the future, not a degree of requirement.

3.1.5 Can

Indicates a possibility or ability.

3.2 Technical definition

3.2.1 Personal protective equipment (PPE)

All equipment designed to be worn or held by workers to protect them against one or more hazards likely to endanger their safety and health at work, and any addition or accessory designed to meet this objective.

NOTE—PPE includes working clothes and uniforms specifically designed to protect the safety and health of the worker.