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Standard Practice for Chemical Protective Clothing: Wearing, Care, and Maintenance Instructions¹

This standard is issued under the fixed designation F 2061; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This practice describes the recommended minimum information to be conveyed by the sellers to end users for the wearing, care, and maintenance of chemical protective clothing.

1.1.1 This practice does not cover specific instructions for when to use protective clothing or design requirements.

1.1.2 This practice does not apply to protective clothing that is solely for protection against flame and thermal hazards.

1.2 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

1.3 This practice recommends the minimum information needed to properly implement Sections 10 and 11 of Practice F 1461.

2. Referenced Documents

2.1 *ASTM Standards:*²

D 5489 Guide for Care Symbols for Care Instructions on Textile Products

F 1461 Practice for Chemical Protective Clothing Program

2.2 *ANSI Standard:*³

Z535.4 Standard for Product Safety Signs and Labels, 1991

3. Terminology

3.1 *care, n*—procedures for cleaning, sterilization, decontamination, and storage of protective clothing.

3.2 *contamination, n*—the addition of an undesired chemical or substance to the protective clothing.

3.3 *decontamination, n*—removal or neutralization of a contaminant(s) from the protective clothing to the extent necessary to permit the protective clothing to be doffed (taken off) and reused or disposed of.

3.3.1 *Discussion*—Decontamination is undertaken to allow the end user to safely exit the protective clothing and to prevent the spread of contamination to the end user or to the environment; it may also be performed for reuse of the protective clothing.

—removal or neutralization of a contaminant(s) from the protective clothing to the extent necessary to safely permit the protective clothing to be doffed (taken off), or reused, or disposed of.

3.4 *degradation, n*—a deleterious change in one or more properties of a material.

3.5 *end user, n*—the entity or organization whose employees ultimately wear the protective clothing.

3.6 *maintenance, n*—procedures for inspection, repair, and removal from service of protective clothing.

3.7 *protective clothing, n*—an item of clothing that is specifically designed and constructed for the intended purpose of isolating all or part of the body from a potential hazard; or isolating the external environment from contamination by the wearer of the clothing.

3.7.1 *Discussion*—In this practice, the primary potential hazard is exposure to chemicals; however, other hazards can be involved for which the clothing provides protection.

3.8 *wearing, n*—procedures for donning, doffing, fitting, and adjusting protective clothing and preparing protective clothing for use.

¹ This practice is under the jurisdiction of ASTM Committee F23 on Personal Protective Clothing and Equipment and is the direct responsibility of Subcommittee F23.30 on Chemicals.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.