



Designation: E2771 – 11

## Standard Terminology for Homeland Security Applications<sup>1</sup>

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### 1. Scope

1.1 This terminology provides definitions and abbreviations of terms used in ASTM International standards pertaining to homeland security applications.

### 2. Referenced Documents

2.1 *ASTM Standards*:<sup>2</sup>

E2411 Specification for Chemical Warfare Vapor Detector (CWVD)

### 3. Significance and Use

3.1 In this terminology, definitions used in other ASTM International standards are indicated by following the definition with the designation of the subcommittee responsible for that standard.

<sup>1</sup> This terminology is under the jurisdiction of ASTM Committee E54 on Homeland Security Applications and is the direct responsibility of Subcommittee E54.92 on Terminology.

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<sup>2</sup> 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.

### 4. Terminology

#### 4.1 Definitions:

**add-on, n**—in sensors and detectors for homeland security applications, any additional parts that provide tailoring of a personal detector's functionality for specific applications.

E2411

#### 4.2 Abbreviations:

**GA**—nerve agent—common name: tabun, IUPAC name: O-Ethyl N,N-dimethyl phosphoramidocyanidate

**GB**—nerve agent—common name: sarin, IUPAC name: Propan-2-yl methylphosphonofluoridate

**GD**—nerve agent—common name: soman, IUPAC name: 3,3-Dimethylbutan-2-yl methylphosphonofluoridate

**GF**—nerve agent—common name: cyclosarin, IUPAC name: Cyclohexyl methylphosphonofluoridate

**HD**—blister agent—common name: distilled mustard, IUPAC name: Bis(2-chloroethyl) sulfide

**L**—blister agent—common name: lewisite, IUPAC name: 2-Chloroethenylarsonous dichloride

### 5. Keywords

5.1 decontamination; detection; homeland security; preparedness

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