Guide for the Selection of Chemical Agent and Toxic Industrial Material Detection Equipment for Emergency First Responders, Guide 100-04, Volumes I and II

Chemical agents are chemical substances that were intended for use in military operations to kill, seriously injure, or incapacitate because of their effect upon human physiology. In the context of this guide, the term ‘chemical agent’ refers to nerve and blister agents only.

The Office of Law Enforcement Standards at the National Institute of Standards and Technology, supported by the U.S. Department of Homeland Security, the Technical Support Working Group, the U.S. Army Edgewood Chemical and Biological Center, and the Interagency Board for Equipment Standardization and Interoperability has developed a chemical agent defense equipment guide that was published in two volumes. Volume I represents the actual guide and Volume II is a supplement to Volume I, containing only the detection equipment data sheets.

The guide focuses specifically on chemical agent and toxic industrial material detection equipment, personal protection, decontamination, and communication, and was developed as a resource for the emergency responder community in the evaluation and purchase of such equipment.

The Guide for the Selection of Chemical Agent and Toxic Industrial Material Detection Equipment for Emergency First Responders, Volume I & II may be found on the SAVER Web site at https://www.rkb.us/SAVER. Subsequent reports will be placed on the site as they become available. Information on other technologies being evaluated in the SAVER Program can also be found on the Web site.