Overview

Goal 1: Establish an interagency group for CBRNE standards to promote the coordination of these standards among Federal, State, local, and tribal communities.

Goal 2: Coordinate and facilitate the development of CBRNE equipment performance standards and promote the use of standards for Federal, State, local, and tribal communities.

Goal 3: Coordinate and facilitate the development and adoption of interoperability standards for CBRNE equipment.

Goal 4: Promote enduring CBRNE standard operating procedures for Federal, State, local, and tribal use to improve National preparedness and response.

Goal 5: Establish voluntary CBRNE training and certification standards for the Federal, State, local, and tribal communities and promote policies that foster their adoption.

Goal 6: Establish a CBRNE equipment test and evaluation (T&E) infrastructure and capability to support conformity assessment standards.

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Goal 5: CBRNE Training and Certification Standards

Strategy key points
- Develop and adopt training and certification at the national level to ensure that all end-user disciplines are capable of responding to and recovering from CBRNE incidents.
- Standards to measure capabilities of users, instructors, training centers, and agencies.

Projected Outcomes:
- Greater confidence in user performance
- Increased capabilities to respond to CBRNE incidents
- Framework to maintain and continue to improve those capabilities

What Should the Training Standards Include?

- Capability levels (e.g., apprentice, journeyman, and master)
- Preparedness (e.g., operational experience, <u>integration into everyday activities</u>, teamwork, mental readiness, technical knowledge, and equipment knowledge)
  - Integration of the specialized CBRNE skills and/or CBRNE equipment with the day- to-day duties in training and in practice
- Learning models (e.g., academic, tabletop, scenario-based drills, exercises, mentoring, and on-the-job)

Where Do We Start?
Sample of CBRNE Response and Recovery Standards

TITLE	TITLE
Standard on Selection,Care, Use and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire, 2012 Edition	Standard for Fire Service Respiratory Protection Training, 2006 Edition
Standard on Station/Work Uniforms for Fire and Emergency Services, 2009 Edition	Standard for Industrial Head Protection
Standard Test Method for Determining Visual Acuity and Field of View of On-Board Video Systems for Teleoperation of Robots for Urban Search and Rescue Applications	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous Locations, 2006
Performance Criteria for Alarming Personal Radiation Detectors for Homeland Security	Emergency Data Exchange Language Distribution Element v1.0
Standard on Life Safety Rope and Equipment for Emergency Services, 2006 Edition	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007 Edition
Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies, 2005 Edition	Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents, 2007 Edition
Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies, 2005 Edition	Standard Practices for Bulk Sample Collection and Swab Sample Collection of Visible Powders Suspected of Being Biological Agents from Nonporous Surfaces
High Visibility Safety Apparel and Headwear, 2010 Edition	Powered-Air-Purifying Respirators (PAPR) with CBRN Protection
Standard on Protective Clothing for Emergency Medical Operations, 2008 Edition	American National Standard Performance Criteria for Hand-held Instruments for the Detection and Identification of Radionuclides, 2006 Edition
Standard on Powered Rescue Tools, 2010 Edition	Standard Practice for Radiological Emergency Response
American National Standard for Occupational and Educational Personal Eye and Face Protection Devices, 2010 Edition	CBRN Protective Ensemble Standard for Law Enforcement, 2010 Edition
Selection and Application Guide to Personal Body Armor, 2001 Edition	Evaluation and Performance of Radiation Detection Portal Monitors for Use in Homeland Security, 2006 Edition
Emergency Data Exchange Language Resource Messaging v1.0, 2008 Edition	(NIOSH) Air-Purifying Respirator (APR) with CBRN Protection
Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire, 2012 Edition	(NIOSH) Air-Purifying Escape Respirator (APER) with CBRN Protection
Global Justice XML Data Model (DOJ)	Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection, 2008 Edition
Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment, 2009 Edition	Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus (SCBA), 2008 Edition
Standard on Disaster/Emergency Management and Business Continuity Programs, 2010 Edition	Portable Radiation Detection Instrumentation for Homeland Security
Common Alerting Protocol v1.2	Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Fire Fighting, 2008 Edition
Standard on Personal Alert Safety Systems, 2007 Edition	Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, 2008 Edition
Standard Guide for Operational Guidelines for Initial Response to a Suspected Biothreat Agent	Portable X-Ray Systems for Use in Bomb Identification
Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, 2007 Edition	Ballistic Resistance of Body Armor NIJ Standard, 2008 Edition
Standard on Protective Ensembles for Technical Rescue Incidents, 2007 Edition	(NIOSH) Self-Contained Breathing Apparatus (SCBA) with CBRN Protection
Gas and Vapor Detectors and Sensors, 2004	RAMP Anthrax Test Cartridge, 2008 Edition
Standard on Operations and Training for Technical Search and Rescue Incidents, 2009 Edition	Hand Protection Selection Criteria
Standard on Protective Clothing and Equipment for Wildland Fire Fighting, 2011 Edition	Standard Practice for Evaluating Cache Packaged Weight and Volume of Robots for Urban Search and Rescue
Emergency Data Exchange Language (EDXL) Hospital Availability Exchange (HAVE) Version 1.0	Standard on Surface Water Operations Protective Clothing and Equipment, 2010 Edition
Standard for Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents, 2008 Edition	

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Who Should Make the First Move?

- It will take everyone (ie, federal, state, local, tribal, industry, academia, training institutions and SDOs) to make this happen

- The strategy specifically calls for Federal agencies responsible for operational CBRNE duties to lead the development and adoption of training standards.

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