

2012 The InterAgency Board (IAB) *Standards Development Priority List*



This survey was vetted through the IAB membership. Each standards priority item was assigned to a category (equipment, training, or test method/guide/practice) and assessed based on a unique set of questions specific to that category.

Please visit www.iab.gov for more detailed information on the survey and priority items.

Tier 1

- All-Hazard Core Competencies for Responders
- Test Method for Mask Leak/Fit Testing Machines
- Standard for Dermal Exposure to Toxic Industrial Chemicals
- Standard (Recommended Practice) for Equipment Training Programs
- Revision to NIJ Standard 0108.00, Ballistic-resistant Protective Materials (1985)
- Blast/Shrapnel Standard for Portable Tactical/Bomb Squad Shields
- Bomb Suit Standard – additional requirements and test methods needed
- Nonstructural fire fighting respiratory protection: open-circuit SCBA and compressed breathing air combination open-circuit SCBA/supplied air respirators (SARs)

Tier 2

- Standard for Personal Decontamination Kits
- Explosive Containment Vessel Standard
- Mass Personnel Decontamination System
- Guidance for Decontamination of Law Enforcement and Emergency Response Vehicle Interiors
- Portable Explosive Detector Standard

Tier 3

- Standard for Responder Credentialing During Emergency Response
 - Robot Operator Self Evaluation/Training Program
 - Facial Recognition System Standard
 - License Plate Reader System Standard
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2012 The InterAgency Board (IAB) *Standards Development List Descriptions*



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Tier 1

All-Hazard Core Competencies for Responders

Establish all-hazard core competencies for responders.

Test Method for Mask Leak/Fit Testing Machines

Test the equipment used to fit respiratory protection to an individual. There are existing standards for programs and respirator fit methods but not for the equipment.

Standard for Dermal Exposure to Toxic Industrial Chemicals

Define limits for dermal exposure to toxic industrial chemicals.

Standard (Recommended Practice) for Equipment Training Programs

Provide equipment manufacturers and vendors with the guidance to develop training courses, guidance, and materials for users of their respective equipment. The standard should follow the FEMA Training and Exercise Integration (TEI) course methodology and should address operation, care and maintenance, and use of the equipment as well as cautions and safety considerations.

Revision to NIJ Standard 0108.00, Ballistic-resistant Protective Materials (1985)

Address all ballistic-resistant materials used to manufacturer end products providing protection against gunfire. This revised standard shall not address body armor and helmets because other NIJ standards exist for these protective products.

Blast/Shrapnel Standard for Portable Tactical/Bomb Squad Shields

Develop a blast/shrapnel standard for the portable, hand held shields carried by SWAT Officers and Bomb Technicians. Penetration, deflection, and protective capabilities need to be addressed to protect the shield holders.

Bomb Suit Standard – Additional Requirements and Test Methods Needed

Develop requirements and test methods to be added to NIJ Standard-0117.00, Public Safety Bomb Suit Standard. Blast overpressure protection, integration of chemical/biological protection, and respirator facepiece and helmet interface should be addressed.

Nonstructural fire fighting respiratory protection: open-circuit SCBA and compressed breathing air combination open-circuit SCBA/supplied air respirators (SARs)

The standard shall specify minimum requirements for the design, performance, testing and certification of new compressed breathing air open-circuit self-contained breathing apparatus (SCBA) and combination open-circuit SCBA and supplied air respirators (SAR) for applications other than structural fire fighting, such as law enforcement use. Addresses law enforcement specific operational issues and requirements not related to structural fire fighting.

Standards Development List Descriptions



Tier 2

Standard for Personal Decontamination Kits

Define performance requirements for personal decontamination kits and test methods by which to assess performance.

Explosive Containment Vessel Standard

Develop a standard to address "Explosive/Improvised Explosive Device/Chemical-Biological Explosive Device" containment vessels used for device transportation by bomb squads.

Mass Personnel Decontamination System

Develop a standard to assess performance and procedures of the decontamination system. The test method should specify the test conditions. This request is not for set performance requirements.

Guidance for Decontamination of Law Enforcement and Emergency Response Vehicle Interiors

Address guidance for rapidly decontaminating vehicles for law enforcement and emergency response vehicle interiors.

Portable Explosive Detector Standard

Define performance requirements for portable explosive detectors and test methods by which to assess performance.

Tier 3

Standard for Responder Credentialing During Emergency Response

Define guidance for credentialing of responders to an event scene during an emergency response.

Robot Operator Self Evaluation/Training Program

Develop evaluating capabilities for public safety and military robot operators. Standardized scenarios would have the necessary data to accurately determine the proficiency placement of their operators based on a nationally determined guideline.

Facial Recognition System Standard

Assess performance of facial recognition equipment, including the software, the system output, etc.

License Plate Reader System Standard

Assess performance of license plate reader systems, including image acquisition, optical character recognition, and comparison to alert lists.