

CBRN Respirator Standards Development - FY12 (927ZJNQ)

Objective



Continue development of NIOSH-approved CBRN respiratory protection equipment standards against terrorism agents for emergency first responders and public safety workers. To develop these, the following tasks are performed:

Applicable Standards

- OSHA 29CFR1910 (134)
- 42CFR84 & CBRN Voluntary Standards
- Guidance Documents

Stakeholder Partners

▪ NPPTL, through partnerships with other Federal Agencies (OSHA, DOD, FBI, NIJ, NIST, DHS), manufacturers (ISEA) and emergency response organizations (IAFF, IAFC, NFPA), has lead the standards development effort for CBRN respirators

User and Industry Stakeholders

- IAFC, IAFF, IACP, NTOA
- SDOs - ISEA, NFPA, ANSI
- Emergency response national organizations (IAB)

Project Scope

- Determine applicability of existing industrial and military warfare agent standards
- Develop key design and performance requirements
- Modify and/or develop terrorism agent-specific test methods
- Prepare final evaluation, testing, and certification standards

Milestones – FY12

- Publish RFI for CBRN Combination Respirator Unit 4QFY12
- Publish RFI for PAPR containing CBRN requirements 4QFY12
- Publish RFI for SAR containing CBRN requirements 4QFY12
- Initiate NPRM process for CCSCBA containing CBRN Requirements 1QFY13

Outputs

- Stakeholder Public Meetings, Concept Papers, Standard Test Procedures, Statement of Standard, Guidance products
- Complete Development of CBRN Respirator Standards and Supporting Testing activities

Outcomes

The NIOSH standards development and respirator certification programs have led to an increase in the national inventory of CBRN capabilities to protect emergency response personnel against the respiratory hazards associated with a terrorist event. Neither industrial nor military respirators provided protection from the range of known or projected CBRN terrorist threats.

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