National Personal Protective Technology Laboratory

Introduction Standards Development Efforts for CBRN CC-SCBA

Holiday Inn Select, Pittsburgh South Pittsburgh, PA John G. Kovac, Physical Scientist

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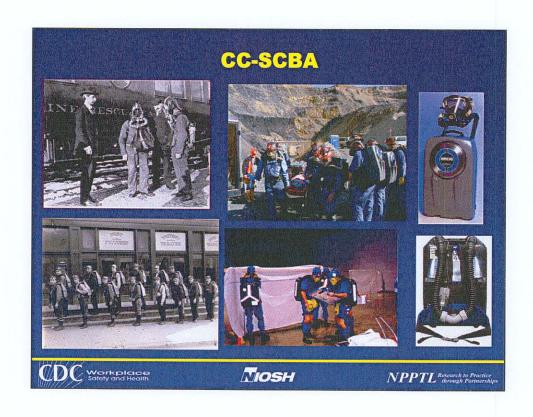
CBRN CC-SCBA Standard

- Goal
 - Develop a NIOSH/NPPTL full-facepiece, closed circuit, selfcontained breathing apparatus (CC-SCBA) standard that addresses CBRN materials identified as inhalation hazards or possible terrorist hazards for emergency responders.
- Use
 - For long-duration missions, involving entry into an atmosphere where contaminant concentrations are IDLH, and which may not contain adequate O₂ Levels.



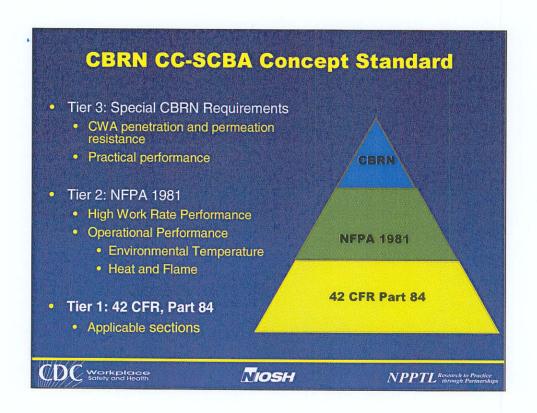
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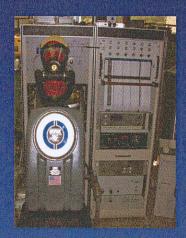
CBRN CC-SCBA Requirements

 Concept calls for adapting the:

> NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services

to CBRN CC-SCBA

 Use of an Automated Breathing and Metabolic Simulator (ABMS) for performance testing







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