National Personal Protective Technology Laboratory

Powered Air Purifying Respirator and Closed Circuit Self-Contained Breathing Apparatus Standards Development Efforts for Respiratory Protection against Chemical, Biological, Radiological, and Nuclear (CBRN) Agents

Sheraton Station Square, Pittsburgh, PA
December 15, 2004
Welcome

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CBRN Respirator Standards

- Standards completed
  - SCBA - January 2002
  - SCBA upgrades - March 2003
  - Gas masks - March 2003
  - Escape sets - October 2003

- Standards in development
  - PAPRs
  - Closed-circuit SCBA
  - Integrated SCBA/PAPR
  - Integrated SCBA/APR
CBRN Standards Development

- **CBRN SCBA**
  - January 2002:
    - 6 manufacturers, 46 approvals

- **Upgrades - March 2003**
  - 2 manufacturers, 16 retrofits

- **CBRN APR**
  - March 2003
    - 2 manufacturers, 3 approvals
Quality Partnerships Enhance Safety and Health
Purpose of this public meeting

- Present concepts for CBRN powered air-purifying respirator standard
- Present concepts for CBRN closed-circuit self-contained breathing apparatus respirator standard