

# CBRN Escape Respirator

## CBRN APR Escape Flammability Concept t

- ANSI/ISEA Air-Purifying Respiratory Protective Smoke Escape Device - Draft
- EN 136 Test Equipment
- No After Flame After 5 Seconds
- No Drip, Melt, Hole or Other Damage



# CBRN Escape Respirator

## CBRN APR Escape Donning Concept

- Donning Time Requirement
    - 30 Seconds
    - From Ready To Use Configuration
    - Ready To Use = Operational Package
- Prior To Use



# CBRN Escape Respirator

## CBRN APR Escape Service Life Concept

- Rated Service Life 15, 30, 45, or 60 Minutes as Specified by the Manufacturer
- Rated Service Life Must Met For Each Test Representative Agent



# CBRN Escape Respirator

- Escape Respirator Head Covering Concept
  - The escape respirator shall be designed as a hooded device.
  - The hood shall include an area for field vision and shall be compatible with wearing of glasses.



# CBRN Escape Respirator

- Concept Issues To Be Addressed
- Human Interface Observations During Benchmark Testing
  - Difficulty Donning Opening Neck Dam
  - Choking From Tightness of Neck Dam
  - Light Headedness & Headache
  - Gag Reflex from Mouthpiece
  - Visual Distortion from Fogging

