

NIOSH-NPPTL Respirator Manufacturers Meeting

April 11, 2007

Chemical, Biological, Radiological and Nuclear Powered Air Purifying Respirators (CBRN PAPR) Update

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CBRN PAPR

- Standard was released October 6, 2006
Statement of Standard for Chemical, Biological, Radiological and Nuclear (CBRN) Powered Air- Purifying Respirator (PAPR)
- Only CBRN PAPR that was based on 42 CFR Part 84

CBRN PAPER

- On November 7, 2007 a lottery was held for the application that were submitted by Manufacturers

Results

Loose-fitting: 1- Manufacture applied

Tight-fitting: 3- Manufactures applied

CBRN PAPR

Approved Results

Loose-fitting: 1- 3M, approved April 2007,
TC-23C-2311

Tight-fitting: No approvals as of this date

CBRN PAPER

Battery testing

- No testing was included in the Standard that evaluated the battery after conditioning
- Extra systems are requested so that after conditioning the batteries can be tested according to User Instructions

CBRN PAPR

Carbon Dioxide (CO₂) Build Up

- There is no CO₂ testing to be performed for CBRN PAPR at this time

Other CBRN Topics

- CO protection in addition to CBRN for Air Purifying Escape Respirators
- CBRN APER Standard released on 30 September 2003
- No applications submitted that include Carbon Monoxide protection.
- Send comments to NPPTL@CDC.GOV