

NIOSH/NPPTL Total Inward Leakage Public Meeting

June 26, 2007

**The Embassy Suites Pittsburgh
International Airport Hotel**

Coraopolis, Pennsylvania



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- *Disclaimer: The findings and conclusions in this presentation have not been formally disseminated by the National Institute for Occupational Safety and Health and should not be construed to represent any agency determination or policy.*



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Meeting Purpose

- Discussion of Respirator Fit Test Panel
- Discussion of Half Mask Testing & Analysis
- Proposed Criteria for Total Inward Leakage Performance Requirement

Meeting Agenda

- **Welcome/Opening Remarks - Les Boord/Jon Szalajda**
- **Program Concept - Bill Newcomb**
- **Anthropometrics Research to Develop Fit Test Panels - Ziqing Zhuang**
- **IOM Report - Les Boord/ Andy Pope/Ron Shaffer**
- **Half-Mask Testing Results - Bill Newcomb**
- **Proposed Criteria and Implementation Plan - Bill Newcomb**
- **Statistical Explanations - Doug Landsittel**
- **NPPTL TIL Testing Capabilities - Jon Szalajda**
- **Questions and Answers / Comment Period**

Docket Information

- Mail:
 - NIOSH Docket Office
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 - Cincinnati, OH 45226
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NIOSH/NORA Research Program Portfolio

<u>Industry Sectors</u>	<u>Cross Sector Programs</u>	<u>Emphasis Areas</u>
<ul style="list-style-type: none"> •Agriculture, forestry, and fishing •Construction •Healthcare and social assistance •Mining •Manufacturing •Services •Transportation, warehousing, and utilities •Wholesale and retail trade 	<ul style="list-style-type: none"> •Authoritative Recommendations Development •Cancer, reproductive, cardiovascular, neurologic & renal diseases •Communications and information dissemination •Emergency preparedness/response •Global collaborations •Health hazard evaluation (HHE) •Hearing loss prevention •Immune, dermal and infectious diseases •Musculoskeletal disorders • Personal protective technology •Radiation dose reconstruction •Respiratory diseases •Training grants •Traumatic injury •Work organization and stress-related disorders 	<ul style="list-style-type: none"> • Economics • Exposure assessment • Engineering controls • Work life initiative • Occupational health disparities • Small business assistance and outreach • Surveillance

NIOSH PPT / NPPTL

Vision & Mission

The **VISION** is to be the leading provider of quality, relevant, and timely PPT research, training, and evaluation.

The **MISSION** of the PPT cross sector program within NIOSH is to prevent work-related injury and illness by advancing the state of knowledge and application of personal protective technologies (PPT).



PPT in this context is defined as the technical methods, processes, techniques, tools, and materials that support the development and use of personal protective equipment worn by individuals to reduce the effects of their exposure to a hazard.

FY 2008 Project Planning Guide

PPT Cross Sector Goals

- Strategic Goal 1: Reduction of Inhalation Hazards
- Strategic Goal 2: Reduction of Dermal Hazards
- Strategic Goal 3: Reduction of Injury Hazards
- Intermediate goals for each strategic goal:
 - Comprehensive research
 - Harmonized PPT standards development
 - Evaluation activities
 - r2p → communications & outreach