

March 2 – 3, 2010 Stakeholder Meeting Breakout Session Questions

Breakout Session Format

Four breakout sessions will be conducted at the PPT Stakeholder Meeting. Sessions 1, 2, and 3 will be conducted concurrently on the first day of the meeting. There will be two time slots dedicated to the three concurrent sessions. This will allow participants the opportunity to attend two of the three sessions. Breakout session 4 will be conducted one time on the second day. Participants will be divided among three rooms to address the questions associated with the fourth breakout session on day two.

Presentations related to each breakout session will be conducted prior to the breakout sessions to provide background information to facilitate discussion and interaction. Each breakout session will consist of a brief 5 to 10 minute overview by NIOSH, describing the objectives of the breakout session and the questions NIOSH would like the participants to answer at that session. The remaining 60 to 70 minutes will be dedicated to group discussion and brainstorming to address those questions.

Session 1: Pushing the Limits: Designing the Next Generation of N95 Filtering Facepiece Respirators (FFRs)

– Lindberg Room

This session will discuss the different styles of N95 FFRs, user aspects, and economic impact issues. Participants will be invited to discuss design issues, limiting issues in the use of N95 respirators along with current and future needs in the marketplace with these respirators.

Session 2: PPE Selection, Interoperability and Compatibility Issues: Dysfunction or Co-Function

– Wright A Room

The discussion will focus on a “systems level” approach in providing full body protection to exposure hazards including inhalation, dermal, and physical. The complexities in selection of personal protective equipment such as protective clothing, protective ensembles (garments, boots, and gloves), respirators, and other mission essential equipment will be discussed.

Session 3: Protective Clothing Technologies, Materials and Performance Criteria

– Wright B Room

A sampling of the current research efforts will be reviewed to provide a basis for discussion during the session. Areas for discussion include chemical permeation, nanoparticle penetration, heat stress, stored thermal energy, ensemble testing, and other protective clothing and equipment issues.

Session 4: Informing Stakeholders of Counterfeit Respirators and Misrepresentations of Approval: Buyer Beware

– Lindberg Room

– Wright A Room

– Wright B Room

This session will focus on the mechanisms currently used by the PPT Program to communicate with stakeholders. The focus will be on recent issues and the communication instruments used by NIOSH to alert end-users of NIOSH respirator certification revocations, performance failures, quality control issues, and counterfeit respirator products. Participants will be invited to discuss future approaches, informational campaigns, and dissemination strategies for NIOSH to better alert end users of these non-conforming respirator issues.

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Session 1: Pushing the Limits: Designing the Next Generation of N95 Filtering Facepiece Respirators (FFRs)

– *Lindberg Room*

This session will discuss the different styles of N95 FFRs, user aspects, and economic impact issues. Participants will be invited to discuss design issues, limiting issues in the use of N95 respirators along with current and future needs in the marketplace with these respirators.

Questions the PPT Program would like to discuss:

What are the differences among the various styles of FFRs relative to:

- a) protection,
- b) comfort,
- c) usability,
- d) maintenance,
- e) reuse,
- f) durability,
- g) cost.

What are the principal gaps between state-of-the-art FFR devices and user needs and requirements?

Which of these gaps can be adequately addressed by administrative procedures and which require new designs?

What types of new technologies will be required for addressing the gaps requiring new designs?

Are there very near-term things that can be done to effect almost immediate improvements to advance the usability or protection provided by FFRs?

What are the two or three most important things that NIOSH should do to support the development and use of advanced FFRs?

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Session 2: PPE Selection, Interoperability and Compatibility Issues: *Dysfunction or Co-Function*

- *Wright A Room*

The discussion will focus on a “systems level” approach in providing full body protection to exposure hazards including inhalation, dermal, and physical. The complexities in selection of personal protective equipment such as protective clothing, protective ensembles (garments, boots, and gloves), respirators, and other mission essential equipment will be discussed.

Questions the PPT Program would like to discuss:

What are the PPE interoperability and compatibility (I&C) challenges faced by workers as they perform their work tasks?

What are the issues that federal regulations and consensus standards development organizations should emphasize in addressing these challenges and establishing applicable standards?

What are the issues faced by PPE manufacturers related to product certification and design considerations for I&C?

Are there very near-term things that can be done to effect almost immediate improvements as to I&C issues?

What are the two or three most important things that NIOSH should do to support this issue?

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Session 3: Protective Clothing Technologies, Materials and Performance Criteria

-Wright B Room

A sampling of the current research efforts will be reviewed to provide a basis for discussion during the session. Areas for discussion include chemical permeation, nanoparticle penetration, heat stress, stored thermal energy, ensemble testing, and other protective clothing and equipment issues.

Questions the PPT Program would like to discuss:

What are the principal problems with existing protective clothing PPE?

What are the emerging issues, hazards, and threats related to protective clothing PPE?

What are the primary challenges for manufacturers to design and produce protective clothing PPE that can be certified?

Are there very near-term things that can be done to effect almost immediate improvements to protective clothing PPE?

What are the two or three most important things that NIOSH should do to support the development and use of advanced protective clothing PPE?

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**Session 4: Informing Stakeholders of Counterfeit Respirators and Misrepresentations of Approval:
*Buyer Beware***

*-Lindberg Room
-Wright A Room
-Wright B Room*

This session will focus on the mechanisms currently used by the PPT Program to communicate with stakeholders. The focus will be on recent issues and the communication instruments used by NIOSH to alert end users of NIOSH respirator certification revocations, performance failures, quality control issues, and counterfeit respirator products. Participants will be invited to discuss future approaches, informational campaigns, and dissemination strategies for NIOSH to better alert end users of these non-conforming respirator issues.

Questions the PPT Program would like to discuss:

How do the participants typically become aware of respirator revocation and counterfeit issues?

What communication methods would be most useful for participants and others to obtain up-to-date and reliable information on these issues?

How valuable is the NIOSH Respirator Trusted-Source Information page?

What information do end users need to assist them in better identifying counterfeit respirators?

Are there very near-term things that can be done to effect almost immediate improvements in communicating information on revocations, misrepresentations and counterfeits?

What are the two or three most important things that NIOSH should do to support better communication on revocations and counterfeits?