

**National Personal Protective
Technology Laboratory**

**Total Inward Leakage Program
(for Respirators other than Filtering Facepieces
and Half-masks)**

Panel Discussion

September 17, 2009

Total Inward Leakage Program

(for Respirators other than Filtering Facepieces and Half-masks)

- **Questions for Consideration**
 - **Should TIL pass/fail criteria be based on the type of respiratory inlet covering, the intended use of the respirator, or other factors?**
 - **Are there any other test agents that can be used which will work for some or all types of respirators that are safe, environmentally friendly and can be accurately measured at the desired concentration?**
 - **Is there test equipment available that can reliably measure the concentration of the test agent(s) of choice that are not overly expensive to own, operate, or maintain?**

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- **Questions for Consideration (cont.)**
 - **Should NIOSH consider accepting TIL test results from independent laboratories?**
 - **Should the standard set of exercises employed by the fit testing process be used for all TIL testing, or should it be different for various types? Why?**
 - **Do the options for available respirators dictate what exercises can be done?**
 - **What will be the strategy for the placement of sample ports for other classes of respirators? Where will the sample point terminate with respect to the test subject for each class of respirator?**

Total Inward Leakage (TIL) for Respirators other than Filtering Facepieces and Half Masks

Stakeholder Input can be submitted by

– Mail:

NIOSH Docket Office

Robert A. Taft Laboratories, M/S C 34

Reference: Docket 168 – Total Inward Leakage (TIL) for
Respirators other than Filtering Facepieces and Half Masks

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