

Total Inward Leakage (TIL) / Other Classes of Respirator – FY13 (921ZFYH)

Objective

Establish TIL testing capability and performance requirements for testing air purifying and supplied air respirators for inclusion in 42 CFR Part 84.

Applicable Standards

- 42 CFR Part 84
- OSHA
- DOE
- ISO

Key Partners

- Respirator Manufacturers

Stakeholders

- OSHA
- Manufacturers
- Employers
- Labor Unions
- Respirator Users

Project Scope

- Establish TIL requirements for all respirator classes

Milestones FY13

- Q2 Complete corn oil chamber operating software installation
- Q3 Corn oil chamber equipment/instrument shakedown; initiate validation of corn oil chamber operation
- Q4 Complete corn oil chamber validation; initiate benchmark testing

Outputs

- TIL performance requirements for testing and certification in 42 CFR Part 84

- Final rule

Outcomes

- PPE designs that result in better overall fitting respirators for general industrial workers, healthcare workers and emergency responders.

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