

# Total Inward Leakage (TIL) / Other Classes of Respirator – FY12 (939ZUNY)

## 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 FY12

- Q2 Finalize/approve IL chambers' design documents
- Q3 Install IL Benchmark Test Facility; validate corn oil challenge agent equipment/instruments
- Q4 Initiate benchmark IL evaluations

### 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.

Updated: 5 Apr 12