

ISO Standards Development – FY12 (939ZUNW)

Objective

Provide research Necessary to Influence the ISO standards pertaining to Respiratory Protection to enhance and harmonize 42 CFR 84 performance requirements.



Applicable Standards

- 42 CFR Part 84
- 29 CFR 1910 .134

Key Partners

- Regulators, academicians, respirator manufacturers, certifiers and users worldwide

Stakeholders

- Regulators
- Manufacturers
- Employers
- Certification agencies
- Respirator Users

Project Scope

Participate in all of the project groups, working groups and Sub-committee endeavors and administer the US Technical Advisory Group. Conduct research where necessary to support these efforts.

Milestones FY12

- FDIS test methods for filtration efficiency
- DIS test method for inward leakage
- DIS test method for field of vision
- CD Test method for work of breathing
- DTS for Technical specification for thermal effects
- CD for Standards for RPD
- FDIS for Standardized connector

Outputs

- Standard on Definitions
- Standard on Gas Life Testing
- Standard on Resistance Measurement
- Technical specification on Anthropometrics
- Technical Specification on CO₂ and O₂
- Technical Specification on marking and information

Outcomes

- Output from ISO Technical Specification on Workrates being used in developing future 42 CFR Part 84 modules
- Standards for international harmonization of RPE performance

Updated: 5 Apr 12