

Air Fed Ensembles FY13 (927PP18_AFE)

Objective

Develop a subpart to 42 CFR 84 to address ensemble technology where the ensemble acts as the respirator



Applicable standards

- 42 CFR 84 Subpart J

Key Partners:

- Air fed ensemble manufacturers
- Regulatory agencies (OSHA)
- User groups (DOE, CDC, US Army, Paint, Petrochemical and Pharmaceutical Industries)
- ASTM F23

Stakeholders

- Air fed ensemble users
- Air fed ensemble manufacturers
- Enforcement agencies

Project Scope

- Develop a subpart for 42 CFR 84 regarding air ensemble respiratory protection requirements

Milestones FY13

- Support the design/construction/validation of chambers and test equipment for PSD IL Test Facility in Morgantown, identify requirements specific to AFE
- Surveillance and support of ISO standard development for RPD and protective clothing
- Nurture partnership between NASA/NIOSH - potential commercial use liquid air ensembles

Output

- Develop a separate subpart for 42 CFR 84 that will allow for the certification of air-fed ensembles providing respiratory protection features

Outcomes

- Improve worker safety and health through use of air fed ensembles that meet national recognized standards. Performance criteria and specifications for air-fed protective ensembles do not currently exist

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