

FFFIPP – Protective Clothing and SCBA Evaluations – FY17 (927ZJQX)

Objective

To evaluate protective clothing and SCBAs in support of the DSR investigations of firefighter injuries and fatalities and provide findings to accident investigators and stakeholders



Applicable Standards

- NFPA 1981 (SCBA), 1971 (Clothing), 1851 (Selection, Care, and Maintenance (SCAM) Ensembles), 1852 (SCAM SCBA)
- 42 CFR 84 / Statement of Standard for CBRN SCBA
- ASTM Test Methods

Key Partners

- NIOSH DSR
- NIOSH DSHEFS

Stakeholders



Project Scope

- Conduct investigations of protective clothing and SCBAs involved in line-of-duty deaths and injuries to fire fighters in support of the Fire Fighter Fatality and Injury Prevention Program (FFFIPP)
- Utilize findings to support revisions to standards, develop future NPPTL research, and educate the fire service

Milestones FY17

Develop new report format
Establish investigative procedures CPIP vs FFFIPP
Establish near miss protocol
Continue development of SOP with DSR

Outputs

- Reports on Clothing and SCBA evaluations
- Findings on issues related to clothing/SCBA performance and use
- Presentations to stakeholders and SDOs (FDSOA, Smoke Fire Coalition, USFS, NPPTL, FIERO, Metro Chiefs)

Outcomes

- Use findings to determine if there are SCBA/Ensemble failure trends
- When requested, provide findings and information to SDOs to support revising existing standards and in developing new standards
- Use of findings and information by the fire service to improve the care, maintenance, and understanding of the PPE and SCBAs
- New research projects

Updated: 3 April 2017