Firefighter SCBA Evaluations
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Firefighter SCBA Evaluation Objective:
To determine the conformance of SCBA involved in firefighter injuries or fatalities to the NIOSH approval requirements found in Title 42, Code of Federal Regulations, Part 84 42 CFR Part 84.34

Overview of Firefighter SCBA Evaluation Process

Purpose
To evaluate SCBA performance in support of the investigation of firefighter injuries or fatalities involving approved SCBA, provide findings to accident investigators, and to inform the approval program.

Report Distribution
• Fire department/requestor
• Respirator manufacturer
• Certified Product Investigation Process

Covered tests
NIOSH approval standards: 42 CFR part 84
• General Inspection
• Standard Performance Test Procedures
• Breathing Gas Analysis from SCBA Cylinder
• Personal Alert Safety System (PASS) not tested against NFPA 1982 Standard requirements

Metrics
• 78 evaluations since 1998
• 3 evaluations in FY2010
• 2 currently open (2/17/2011)

Stakeholders
• Respirator Users
• Enforcement Agencies
• Emergency Responders
• International Association of Fire Fighters
• National Fire Protection Association
• Safety Equipment Institute

Key Partners
• National Fire Protection Association
• International Association of Fire Fighters
• Safety Equipment Institute
• Mine Safety and Health Administration
• Division of Safety Research (NIOSH)
• Division of Surveillance, Hazard Evaluations, and Field Studies (NIOSH)
• Occupational Safety and Health Administration

Outcome
Information used for the reduction of firefighter injuries and fatalities

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