

Implementation Process

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Approval Program Structure

- Existing
 - Respirator classes
 - Requirements for all classes
 - Conditions of use for all classes
- Additional Requirements
 - Rulemaking
 - Existing authorities



Respirator Use

IDLH

- Unknown atmospheres
- SCBA
- Airline with escape bottle
- Escape-only Gas Mask
- Full face protection

NON-IDLH

- Known atmospheres
- Controlled concentrations
- Air Purifying Respirators
- Full face protection



Implementation

- Notice and Comment Rulemaking
- Use of Existing Authorities
 - §§ 84.110 and 84.190 for new gases and vapors
 - § 84.63(c) for new tests and evaluations
 - § 84.60 (a) for existing requirements applied to new class



Biologicals, Radiologicals and Other Particulates

- Existing Part 84 Particulate Filter Requirements
 - P-100 mechanical
- Additional Areas Considered
 - Long-term viability
 - Migration and re-aerosolization
 - Performance degradation due to chemical exposure
- § 84.63 Additional Testing or Rulemaking



Chemical Agents

- New Gas or Vapor Test for APR
 - § 84.110 or § 84.190
 - New agents based on vulnerability assessments
 - Test parameters based on modeling
- Additional Tests
 - Permeation
 - System integrity
- § 84.63(c) Additional Testing or Rulemaking
- Special Conditions of Use



Implementation Issues

- Public Involvement
- Public Notification
- Information Exchange with Applicants
- NIOSH/SBCCOM Information Flow
- Laboratory Capacity
- Simulants

