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

Draft for Discussion
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

Draft for Discussion
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
- Additional Tests
  - Test parameters based on modeling
  - Permeation
  - System integrity
- Special Conditions of Use
- § 84.63(c) Additional Testing or Rulemaking
Implementation Issues

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