Respirators
Components of a Half-face Respirator

Valve (Diaphragms)

Gaskets

Face Piece
Components of a Half-face Respirator

Pre-filter

Cartridge

Retainer Clip

Straps
Respirators
Respirator
Respiratory Protection Requirements

- Criteria Items found on all inspections except:
  - Pre-application Site Evaluation
  - Field Worker Safety
- Location of information
  - Appendix 1, page 244 - 256
Respiratory Protection

Scope

• Applies to employees:
  – When required by labeling, permit, regulation, or employer policy
  – Who wear respiratory equipment
  – Applying minimal exposure pesticides
  – Treating potato seed pieces with thiophanate-methyl
Respiratory Protection

Scope

• Exemptions:
  – Substitutions allowed when using closed systems (refer to 3CCR 6738 h)
  – Minimal exposure pesticides ground rig applications
  – Antimicrobial agents used as sanitizers, disinfectants, or medical sterilants
Respiratory Protection

Scope

• Exemptions:
  – PCAs or professional foresters and their employees performing crop adviser tasks
  – Consumer Products
  – When respirator use is allowed by the employer though not required by labeling, permit, regulation, or employer policy (Voluntary Use)
Use Monitoring Inspection Report Requirements
Use Inspection Report Requirements

- Appropriate type of Respirator
- NIOSH approved
- Proper use
- Proper maintenance
- Employer provided or employee provided
Pest Control Headquarters
Inspection Report Requirements
Records Inspection Report
Requirements

• Written Program
  – Review the program
• Medical Evaluation
  – Medical recommendation forms
Records Inspection Report

Requirements

- Fit Test Record
- Respirator Inspected
  - Routine use and emergency use
- Respirator Storage
Records Inspection Report Requirements

• Voluntary Use - employee supplied
  – Voluntary Respirator Provision Information Display (including PSIS A-8 or N-9)
  – Employer determination that respirator use will not create a hazard
Records Inspection Report
Requirements

• Voluntary Use - employer supplied
  – Voluntary Respirator Provision Information Display (including PSIS A-8 or N-8)
  – Training
  – Medical Evaluation
  – Written respiratory protection program
  – Medical recommendation
Group Exercise
Exercise

1. Read the excerpt from a pesticide label.
2. Select the respirator or respirators that would create a noncompliance.
3. Explain why
Exercise

Respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). See further respirator requirements in the “User Safety Requirements” section on this label.
Exercise

Applicators and other handlers (other than Mixers and Loaders) must wear:
- Long-sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical Resistant Gloves - Category A (e.g. barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton)
- A dust mist NIOSH-approved respirator with any N, R, P, or HE filter

A  B  C