

Respirable Dust Sampling

Underground Coal Mines (75.362) On-Shift Exams



Health Hazard Information Card HH-52

When do changes take effect?

- ❖ On the effective date of the regulation

Who conducts the exams?

- ❖ Mine operators will:
 - ✓ Designate a person

When will the exam be conducted?

- ❖ Prior to beginning production
- ❖ If a shift change occurs without an interruption in production (hot seating) within 1 hour after the shift change

What's checked?

- ❖ Air quantities and velocities
- ❖ Water pressure and flow rate
- ❖ Leakage in the water delivery system
- ❖ Water spray numbers and orientation
- ❖ Section ventilation
- ❖ Ventilation control device placement
- ❖ Roof bolter dust collector vacuum level
- ❖ Scrubber air flow rate
- ❖ Work practices in the ventilation plan
- ❖ Any other dust suppression measures in the ventilation plan

Are records required?

- ❖ Results of the exam are recorded
- ❖ Corrective actions are recorded

Who verifies the exam is conducted?

- ❖ Certified person directing the exam

How is the exam verified?

- ❖ The certified person shall:
 - ✓ Certify by date, time and initial on a board at the section loading point or similar location
 - ✓ Verify by initials and date the record of the results
- ❖ Mine foreman or equivalent mine official shall:
 - ✓ Countersign each 75.362(a)(2) exam

Where will the record be maintained?

- ❖ In a secure book or electronically that is not susceptible to alteration
- ❖ Maintained for 1 year

If you have questions about any occupational health matter, please contact your local MSHA office or MSHA's national office at (202) 693-9500.

Our job is to protect your health

*U.S. Department of Labor
Mine Safety and Health Administration
Visit our Web site at www.msha.gov*

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