

TIPS FOR DUSTY JOBS

Crusher Operators



U.S. Department of Labor
Mine Safety and Health Administration



Crusher operators and crusher helpers are exposed to more dust than the typical mine employee. Because so much rock dust has **silica** in it, you should take steps to protect yourself against a possible health hazard.

Silicosis can be Deadly

Some dust is stopped by the body's natural defense system, but the *smallest* dusts can penetrate deep into the lungs. The harm from dust depends on what it's made of, what size it is, how much you breathe and how long you breathe it. If you're exposed to enough dust with silica, in time you can get a disease called *silicosis*.

Silicosis can be a disabling, *even fatal*, illness and it can't be reversed once a person has it. Lung tissue becomes scarred and inflexible and breathing becomes harder and harder.

If It's Silica...It's Not Just Dust.

Silicosis can't be reversed ...but it can be *prevented*.

Working Smart

- Don't dry sweep. It puts dust in the air where you can breathe it.
- Use water or a vacuum system with a HEPA* filter for cleaning.
- Keep your work area clean. Don't let dust build up.
- Compressed air is NOT for cleaning - clothes or equipment.
- Adjust your equipment.
- Report maintenance or system problems right away.
- When possible, maintain and clean equipment when it's not operating.
- Work upwind of dust clouds or dusty areas when you can.

Control Booths

- Use a **heater and an air conditioner** with a HEPA filter.
- Keep doors and windows **closed** for pressurizing.
- Check **that seals** are pliable.
- **Clean** your booth every day.
- **Stay in the booth** when you can.

Respirators must be...

- The **right type**, worn right.
- **Clean**.
- **Worn**—not hung on your neck or on top of your hat.
- The **right fit** to stop dust from getting into your lungs.
- A good fit. **Beards prevent it**.

*high efficiency particulate air