Loader operators and others using mobile equipment are exposed to more dust than the typical mine employee. Because so much mine 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 dust particles can penetrate deep into the lungs. The harm from dust depends on what it’s made of, what size it is, and how much and how long you breathe it. If you’re exposed to enough dust with silica, you can get a disease called silicosis.

Silicosis can be a disabling, even fatal, illness that 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
• Dusty haul road or loading area? Ask to have the water truck make a pass.
• Compressed air is NOT for cleaning—clothes or equipment.
• Work upwind of dust clouds or dusty areas when possible.

The Cab
• Use a heater and an air conditioner with a HEPA* filter.
• Keep doors and windows closed for pressurizing.
• Check that seals are pliable.
• Clean the cab every day.

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