

OPERATOR SAFETY GEAR

We offer a complete line of equipment and clothing to protect your operator and other people close to blasting operations. To be effective, however, this gear must be properly applied and maintained. All devices affecting breathing-air quality—including filters, alarms and the air source—should be inspected and

serviced regularly, particularly when a multi-purpose compressor is used to supply breathing air.

You can purchase our safety gear as individual items or as a package when you buy an Empire blaster. All Empire safety equipment is NIOSH approved to comply with OSHA when the operator is fully equipped.

Rugged, canvas-weave jacket has snap fasteners and a tight-sealing waist adjustment to keep out grit.

Air conditioner keeps operator cool in hot working environments.

Personal air filters remove moisture, oil, fumes, dust and particles from compressed air at better than 99% efficiency. Available in models for up to four operators. **(Filters do not remove carbon monoxide.)**

Portable and fixed carbon monoxide (CO) monitors (not shown) sound an alarm to warn of excess CO in air being delivered to the operator.

Air-fed blast hood respirator protects operator from inhaling abrasives and dust when used with an approved air filter.

Remote controls shut down system automatically when trigger is released.

Leather gloves stand up to abrasives and rough material handling.

Canvas pants, with reinforced belt loops and snap-fasten fly, protect legs from blast ricochet.



Breathing Air Pumps supply filtered air to the hood respirator, thereby eliminating the air compressor as a potential source of contamination and possible carbon-monoxide poisoning. Suitable for one or two operators, these units are easy to maintain and can be powered electrically or with compressed air.



SAFETY IN SUMMARY

- Make sure the operator is receiving grade “D” breathing air as described in the Compressed Gas Association commodity specifications G-7.1, 1996.
- Provide clothing which protects the eyes, face, hands and body from blast ricochet.
- Employ a control system that shuts down automatically when the trigger is released.
- Assure pressure vessel is ASME certified.
- Do not use silica sand as an abrasive.
- Keep other personnel a safe distance from blasting operations or provide them with adequate safety gear.