

THE ALPHABET SOUP OF RESPIRATORY PROTECTION

Air Purifying Respirators

- ☑ Use filters, cartridges, or canisters to remove hazards from the air before the wearer breathes them in.

(FFR)

Filtering Facepiece Respirator

- ☑ Unpowered, disposable respirator
- ☑ No gas or vapor protection
- ☑ Example: N, R, P series 95, 99 and 100 efficiency levels

(EFR)

Elastomeric Facepiece Respirator

- ☑ Half-face (APF 10) and full-face (APF 50) variations
- ☑ Reusable cartridges and filters
- ☑ Protection against gas and vapors depending on cartridge used

(PAPR)

Powered Air-Purifying Respirators

- ☑ APF 25 (gases, vapors, particles)
- ☑ Battery-powered with reusable and replaceable components
- ☑ Include eye protection

Atmosphere-Supplying Respirators

- ☑ Protect against vapors, gases, and particles and work in oxygen-deficient environments.

(SARs)

Supplied-Air Respirators

- ☑ Varying APFs
- ☑ Connect to free-standing air cylinders via hose
- ☑ Feature hoods, helmets, or tight-fitting facepieces
- ☑ Delivers air through either continuous-flow, demand, or pressure-demand

(SCBAs)

Open Circuit Self-Contained Breathing Apparatuses

- ☑ APF 10,000
- ☑ Full facepiece
- ☑ Air supply contained in pressurized cylinder worn by user
- ☑ Service life of 75 minutes

(SCBA)

Closed-Circuit Self-Contained Breathing Apparatuses

- ☑ APF of 10,000
- ☑ Removes carbon dioxide and replaces it with oxygen
- ☑ Service life of one to four hours

(SAR)

Combination SAR

- ☑ APF of 1,000
- ☑ Backup air supply in case primary fails
- ☑ Used in emergency and escape scenarios due to short service life