

## Pureflo and PureWeld ESM Frequently Asked Questions

*If you have a question not answered here, please call Interactive Safety Products, Inc. directly at 1-800-251-7377 Monday-Thursday 8:30 a.m - 4:30 p.m. and Friday 8:30 a.m - 12:30 p.m EST. or via email at [sales@helmetssystems.com](mailto:sales@helmetssystems.com)*

### **1. How long do the filters last?**

Filter life depends on the type and concentration of the particulates in the environment. To assure maximum filter life, the Pureflo and Pureweld ESM (Electronic Systems Management) monitors loading of the filter and tells the user when to change the filter. A filter used in grinding and cleaning metals typically lasts 4-6 weeks. A filter used in heavy welding may last only 5-10 days. For specific exposures, contact your Pureflo/Pureweld representative. The Pureflo ESM takes the guess work out of filter change times.

### **2. How long should the batteries last?**

Fully charged batteries last over 6 hours in the normal run mode of 7.6 cfm with a clean filter. In the boost run mode of 8.2 cfm, the battery use time is typically ½ to 1 hour shorter. Battery life is typically 500 charge/discharge cycles.

### **3. Is the Pureweld filter good for welding?**

Yes. For welding particulates and Hexavalent Chromium (CR6) common with welding stainless steel, we recommend the Pureweld equipped with our HE particulate filter. The Pureflo or Pureweld equipped with our HE/HF filter also provides Hydrogen Fluoride protection plus nuisance odor relief against most organic vapors, inorganic vapors, acid gases. The Pureflo and Pureweld's APF of 1000 assures the wearer the highest protection recognized by OSHA for powered air-purifying respirators.

### **4. Must I be fit tested and/or be clean shaven to use the Pureflo?**

No. Fit testing is not required when using a loose fitting powered air-purifying respirator such as the Pureflo or Pureweld. Additionally, since these respirators do not rely on a face or neck seal to perform properly; beards, long hair, or sideburns do not typically inhibit the Pureflo or Pureweld's performance.

### **5. Can the Pureflo be used for sandblasting?**

No. OSHA does not presently permit air-purifying respirators for sand blasting. Additionally, On May 23, 1996 NIOSH issued a Respirator User Notice which stated in part that Type CE abrasive-blast supplied-air respirators are the only respirators suitable for use in abrasive-blasting operations and air-purifying and powered-air purifying respirators are not recommended for abrasive blasting operations, but may be suitable for auxiliary work such as outside clean-up operations.

## **6. Does Pureflo PAPR require the user to have a physical exam?**

Employers need to have in place a written program addressing the elements of OSHA Respirator Standard in 29 CFR 1910.134 (c). This includes medical evaluations of employees required to use respirators and review by a Physician or other licensed health care professional (PLHCP). Physical exams may be required upon review by the PLHCP. This is not specific to PARP's it applies to all types of respirators.

## **7. Are safety glasses required when using the Pureflo?**

Pureflo Faceshield meets ANSI Z87.1+. We recommend that workers always wear additional eye protection under the Faceshield when using the face shield in the lift (up/down) mode. If the Pureflo face shields are locked down we recommend employers complete a work site hazard analysis or JSA (job site analysis) to determine if safety glasses are required under the face shield. If the face shield is locked permanently this would normally negate the need for additional eye protection.

### **Additional Information Sources:**

OSHA (Occupational Safety and Health Administration):

<http://www.osha.gov>

OSHA Respirator Standard:

[www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_id=12716&p\\_table=standards](http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_id=12716&p_table=standards)

NIOSH (National Institute for Occupational Safety and Health):

<http://www.cdc.gov/niosh>

AIHA (American Industrial Hygiene Association):

<http://www.aiha.org>

American Conference of Industrial Hygienists (ACGIH):

<http://www.acgih.org>