



Quantitative Fit Test (QNFT)



Safe Air Systems, Inc. can perform Quantitative Fit Test on any type Respirator for your department or industry.

OSHA Respiratory Protection

Standard 29 CFR 1910.134 mandates Quantitative Fit Tests are **REQUIRED** yearly.

- **3 minute respirator fit testing**
- **Test any make or model of your respirator.**
- **On-board data storage can store more than 500 tests**
- **USB Memory Stick**

and Printer Interface; While data can be transferred to a PC via the USB connection, one may also transfer data via a USB memory stick. And, this connection allows for tests to be printed, without the need for a personal computer.





WHY DO I NEED THIS? OSHA regulations require annual "fit testing" of all employees who are required to wear a respirator while on the job. Safe Air Systems, Inc now offers you an easy, economical way to achieve OSHA compliance. At your convenience, Safe Air Systems' technician will come to your site and perform quantitative fit testing of your employees in accordance with **OSHA Respiratory Protection Standard 29 CFR 1910.134 (Mandatory)**.

In 1998, the Occupational Safety and Health Administration (OSHA) adopted new requirements for occupational respiratory protection programs requiring respirator users to receive training and pass a fit test before using a respirator. Thereafter annual testing is required under the **29 Code of Federal Regulations**, based on current ANSI standards citing workplace experience. Fit testing is the only accepted way to determine if the respirator fits properly. Annual re-testing of respirator fit is needed to detect, at an early stage, the percentage of respirator users whose respirators no longer fit them properly.

Controlled negative pressure has proven to be the fastest, most accurate, and most health protective fit test system available. The accepted Redon test protocol allows you to quickly assess respirator fit based on three mask donnings. Given the Quantifit's speed and accuracy in measuring actual respirator leakage, why would you subject your employees to something that is less than the best?

NFPA 1500 Standard on Fire Department Occupational Safety and Health Program 2007 Edition (1500-42; 7.12 Fit Testing) With an updated 2007 standard, the National Fire Protection Association (NFPA) requires that tight-fitting face pieces now be tested with a Quantitative Fit Test (QNFT) instead of the previously-approved Qualitative Fit Test (QLFT).

- **Fastest Fit Testing Available:** With the OSHA approved CNP REDON respirator fit test protocol, a fit test can be performed in as little as 3 minutes and there is no waiting period for smokers as required with other fit test methods. The multiple donnings required assures that the worker knows how to don the respirator correctly with each use.
- **Most Rigorous Test:** The use of ambient air as a standard (non-varying), gaseous challenge agent provides a more rigorous test of mask fit than does an aerosol agent. If air leaks into a respirator, there is a chance that particles, vapors, or gas contaminants may leak in. When using aerosol-based systems, the test system can only see & measure some of the particles that might enter the respirator.

Please contact us for scheduling and pricing of your Quantitative Fit Test needs. Units also available for your in-house testing under a convenient and cost effective rental program.



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