UNDERSTANDING, ACCELERATED

FIT TESTING NOW AT THE SPEED OF LIFE

The Best Fit Test is Now the Fastest

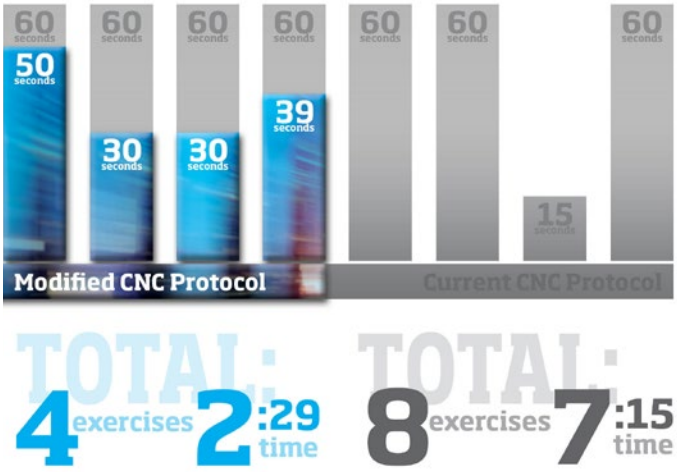
OSHA'S MODIFIED CNC FIT TEST PROTOCOL

OSHA has announced changes to their Respiratory Protection Standard. The changes affect the Ambient Aerosol Condensation Nuclei Counter (CNC) Quantitative Fit Test (QNFT) Protocols in 29CFR 1910.134, Appendix A.

These changes include modified protocols for the following respirators:
+ Full-facepiece and half-mask elastomeric respirators
+ Filtering facepiece respirators

The new protocols are based on three studies, published in a peer-reviewed journal, demonstrating the equivalency to the original Ambient Aerosol CNC QNFT protocol.

In their final rule document, the agency said that the new protocols "will maintain safety and health protections for workers while providing additional flexibility and reducing compliance burdens."



HOW THE RESPIRATORY PROTECTION STANDARD CHANGED

The respirator fit testing process is now faster and more streamlined. The modified CNC protocols enable fewer, shorter fit test exercises. Instead of eight exercises, the new rules require four. **Total fit test time is reduced from 7:15 minutes to 2:29**. Mask sampling time is 25% faster.

HOW TO MAKE RESPIRATOR FIT TESTING 65% FASTER

PortaCount® Respirator Fit Testers using the modified CNC protocols are now nearly twice as fast as instruments using the controlled negative pressure (CNP) REDON protocol and 65% faster than the original CNC protocols.

Whether you fit test medical teams, industrial workers, or first responders, your fit test program will benefit in these ways:
+ Rigorous, automated, and quantitative fit testing across all respirator types
+ Dramatically increase the number of people you can fit test in a set time
+ No compromises on safety and health

SHORTEN YOUR FIT TEST TIME WITHOUT SACRIFICING SAFETY

tsi.com/ModifiedCNCProtocol

OSHA'S MODIFIED CNC PROTOCOL

Frequently Asked Questions

OSHA's modified CNC protocol allows PortaCount Fit Tester users to save time by utilizing a faster and simpler fit test. All users need to do is to verify their instrument is eligible and upgrade their software and firmware. Saving time is just that simple.

+ DO I HAVE TO CHANGE MY PROGRAM OR PROCEDURES?

No, with the new protocols you simply select the mask you are testing and the protocol matching that mask. How you use the instrument and the outcome of a fit test is the same, the test is just quicker.

+ DO I NEED TO REDO OLD FIT TESTS?

No, this is simply a modification to the existing protocol. Fit tests using the previous eight-step protocol are still valid. The only difference is that now there is now an option for a shorter test going forward.

+ HOW DO THE NEW PROTOCOLS MAKE WORKERS SAFER?

This shorter and simpler fit test makes compliance easier without compromising worker safety. An easier path to compliance means more workers will pass quality fit tests, increasing compliance rates and overall worker safety.

+ DOES IT COST ANYTHING?

Upgrading your PortaCount to include new, faster protocols is available at no cost for qualifying instruments.

+ WHAT INSTRUMENTS CAN USE THE NEW PROTOCOLS?

PortaCount Fit Tester Models 8030, 8038, 8040, and 8048 can utilize the OSHA-accepted Modified CNC Quantitative Respirator Fit Test Protocols. If you currently own a PortaCount 8020 or 8028, now is the time to upgrade to the fastest fit test on the market.

+ HOW DO I UPDATE MY SOFTWARE AND INSTRUMENT?

Users can either send their instrument in for their normal calibration and TSI will update the instrument or users can install the software and firmware update themselves. Software and firmware upgrades and the upgrade guide are available at **tsi.com/support/tsi-software-and-firmware/.**

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