

RESPIRATORY TRAINING: QUANTITATIVE FACE FIT TESTING

(Ambient Particle Counting Method)



COURSE OVERVIEW

Employers, by law, are required to fit test every employee who is required to wear a tight-fitting respirator, no matter how long they are required to wear one, or the frequency. We are Fit2Fit approved and as such you can rest assured that our testing procedures are of the highest standard and will enable you to meet your legal duties.

The quantitative method, or ambient particle counting method, gives an objective and quantifiable assessment of a facial fit to an individual mask. It provides a numerical result, known as a fit factor; which is set at various limits, depending on the type of mask tested.

This method allows you to test all tight fitting RPE including:

- **Disposable respirators/masks**
- **Re-usable cartridge half masks**
- **Full face masks** (full face masks can only be tested using this method)
- **Positive pressure full face masks**

This test is conducted using an ambient particle counting machine, typically using a TSI Portacount or AccuFit 9000. These machines use lasers to count the number of particles inside a mask and compare it to the number of particles outside the mask, in order to calculate the integrity of the seal.

All staff successfully fitted, will be issued with an official Advanced Safety Group Fit Record, detailing all the data and mask type. This can be kept by the business, to prove that that individual has been tested appropriately, in line with COSHH and HSE standards.

Half day testing for up to 8 testing.

Course Code: FFT-HD-QUAN

Full day testing for up to 16 tests.

Course Code: FFT-FD-QUAN

Face Fit Test Record Form supplied following successful Face Fit Test.

RESPIRATORY TRAINING: QUALITATIVE FACE FIT TESTING

(Hood/Taste Method)



COURSE OVERVIEW

Employers, by law, are required to fit test every employee who is required to wear a tight-fitting respirator - no matter how long they are required to wear one, or the frequency. We are Fit2Fit approved and as such you can rest assured our testing procedures are of the highest standard and will enable you to meet your legal duties.

The Qualitative Face Fit Testing method is used to conduct testing on FFP disposable respirators and re-usable cartridge half masks only. This is a subjective method based on the test subject's ability to detect/taste a test solution.

Typically, a bitter or sweet solution, although we usually advise using bitter as standard, as people tend to taste

bitter more easily than the sweet solution. This method makes use of a test capture hood. The wearer is asked to perform seven exercises, whilst regular measured doses of the test solution are sprayed into the hood.

All staff successfully fitted will be issued with an official Advanced Safety Group Fit Record, detailing all the data and mask type. This can be kept by the business to prove that that individual has been tested appropriately, in line with COSHH and HSE standards.

Half day testing for up to 8 testing.

Course Code: FFT-HD-QUAL

Full day testing for up to 16 tests.

Course Code: FFT-FD-QUAL

Face Fit Test Record Form supplied following successful Face Fit Test.

RESPIRATORY TRAINING: QUANTITATIVE FACE FIT TRAINING

(Ambient Particle Counting Method)



COURSE OVERVIEW

Employers by law are required to fit test every employee who is required to wear a tight-fitting respirator no matter how long they are required to wear one or the frequency. This testing is required every two years and if you would like to do your testing in-house using the Ambient Particle Counting method then this is the course for you.

This 1 day Quantitative Face Fit Training course is designed to provide in-depth knowledge on the need for face fit testing and all applicable legislation including COSHH, INDG479 and HSG53.

The course itself includes full instructions on setting up / installing TSI Portacount software, how to set up and use the Portacount machine itself. Delegates will also learn the ins and outs of probing FFP disposable respirators, cartridge half masks and full-face masks during both instruction sessions and practical demonstrations.

In addition, delegates will be shown best practice for record keeping, how to perform daily checks, maintenance of the machine and troubleshooting both in terms of the machine and the face masks.

To complete the 1 day Quantitative Face Fit Training course delegates will undergo a multiple-choice test. Upon successful completion each delegate will be awarded with an official Advanced Safety Group Certificate to prove the individual has adequate understanding and training to test your staff in-house. This certificate is valid for a two-year period, after which staff will need to undergo another training course to ensure they remain competent. Certificates should be kept by the individual/business to comply with COSHH and HSE standards. business, to prove that that individual has been tested appropriately, in line with COSHH and HSE standards.

Full day training course for up to 4 staff.
Course Code: **QUANTTRAIN**

Enables staff to fit their own company workforce, on site, for the Quantitative method.

Certificate of 'Attendance' supplied on completion of the training course & successfully passing short test paper.

RESPIRATORY TRAINING: QUALITATIVE FACE FIT TRAINING (Hood/Taste Method)



COURSE OVERVIEW

Employers, by law, are required to fit test every employee who is required to wear a tight-fitting respirator, no matter how long they are required to wear one, or the frequency. This testing is required every two years and, if you would like to do your testing in-house using the Hood/Taste method, then this is the course for you.

This in-depth course enables the delegates to fully understand the requirement for respiratory protective equipment in the workplace, associated legislation, correct donning and doffing procedures; along with practical demonstrations and use of the testing equipment, including capture hood, nebulisers and solutions. In addition, troubleshooting regarding the equipment and test fails is covered in detail along with best practice record keeping of test results.

This 'Train the Tester' course is available for a maximum of 6 delegates in a single session, to ensure each delegate has time to practically demonstrate the use of the equipment and to perform tests.

To complete the course, delegates will undergo a multiple-choice test. Upon successful completion each delegate will be awarded with an official Advanced Safety Group Certificate, to prove the individual has adequate understanding and training to test your staff in-house. This certificate is valid for a two-year period, after which staff will need to undergo another training course to ensure they remain competent.

Certificates should be kept by the individual/business to comply with COSHH and HSE standards.

Full day training course for up to 4 staff.
Course Code: **QUALTRAIN**

Enables staff to fit their own company workforce, on site, for the Qualitative method.

Certificate of 'Attendance' supplied on completion of the training course & successfully passing short test paper.