

QUALITATIVE FIT TEST

TESTING PROCEDURES



STEP 1

Respirator Selection and Donning

Prior to performing the qualitative fit test, the user should select a respirator that is acceptable in size and general fit from a variety of models and sizes. The user should be shown the proper donning procedures and how to determine the proper fit.



STEP 2

Negative Pressure Seal Check

Place the palm of the hands over each cartridge, filter or filter enclosure. Slowly inhale and hold breath momentarily. No air leakage should occur. If leakage does occur, re-adjust the facepiece and head harness to attain proper fit and retest.



STEP 3

Prepare the Nebulizers

Prepare the nebulizers as instructed in the Bitrex Qualitative Fit Test Kit user instructions.



STEP 4

Perform the Sensitivity Test

Have the subject don the hood without a respirator. Position the hood forward so there is about six inches between the subject's face and the hood window. With the nebulizer directed away from the subject's face, inject the sensitivity solution aerosol into the hood. Instruct the subject to indicate if he/she detects the bitter taste of Bitrex at any time during the test.



STEP 5

Perform the Fit Test

Don and fit check the respirator per manufacturer's instructions. Don and position the hood forward so there is about six inches between the subject's face and the hood window.



STEP 6

Perform the Fit Test

Insert nozzle of the fit test solution nebulizer #2 through the hole in the hood window. With the nebulizer directed away from the subject's face, inject the fit test solution aerosol into the hood. Instruct the subject to indicate if he/she detects the bitter taste of Bitrex at any time during the test.



STEP 7

Perform the Fit Test

After the initial aerosol is injected, instruct the test subject to perform the OSHA fit test procedures for 60 seconds each. 1) Normal breathing 2) Deep breathing – breaths should be deep and regular 3) Turning head from side to side – one turn every second 4) Nodding head up and down – about once per second 5) Talking, reciting the alphabet or reading aloud from a prepared text 6) Jogging in place 7) Normal breathing.



STEP 8

Cleaning the Fit Test Kit

Clean hood and each nebulizer sprayer per the use instructions of the Bitrex Qualitative Fit Test Kit.



Nebulizers 2017094

Test Hood 2017095

Sensitivity Solution 2017092

Fit Test Solution 2017093

Bitrex Ordering Information

Part No.	Description
2017070	Bitrex Qualitative Fit Test Kit (ready-to-use)

Spares

Part No.	Description
2017093	Fit Test Solution Applicator Kit (6 ampoules/box)
2017092	Sensitivity Solution Applicator Kit (6 ampoules/box)
2017094	Nebulizer
2017095	Test Hood

WARNING

This respirator fit test equipment is intended to be used only in conjunction with an organized respiratory protection program which complies with the requirements of OSHA Safety and Health Standard 29 CFR 1910 Paragraph 134, available from the U.S. Department of Labor, Occupational Safety and Health Administration, or other pertinent nationally recognized standard. Improper use of a respirator may result in serious injury or death. Improper use includes, but is not limited to, use without adequate training, disregard of the respirator warnings and instructions, improper fitting of the respirator, and failure to inspect and maintain the respirator. The information herein is meant to supplement, not replace, the instructions, training, supervision, maintenance, and other elements of your organized respiratory protection program. Please refer to the Scott Bitrex Qualitative Fit Test Kit User Instructions (p/199516-01) for complete and detailed instructions.

Scott Health & Safety

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