

Mount Holyoke College – Respiratory Protection Program
IRRITANT FUME RESPIRATOR FIT TESTING

29 CFR 1910.134 Appendix A, B.5.

Irritant Smoke may be irritating to eyes, lungs and nasal passages.

- I. Smell a weak concentration of the irritant smoke.
 - II. Choose a respiratory that feels comfortable.
 - III. Perform positive and negative pressure checks.
(If either check fails, choose another respirator or adjust fit.)
 - IV. Wear for at least 5 minutes and adjust for comfort.
-
- V. Expose subject to irritant smoke beginning at 12 inches from the face piece, moving to within 1 inch and moving around the entire perimeter.
-
- VI. DURING TEST:
 - * KEEP YOUR EYES CLOSED
 - * BREATHE NORMALLY
 - * TAKE DEEP AND REGULAR BREATHS
 - * TURN HEAD FROM SIDE TO SIDE
 - * NOD HEAD UP AND DOWN
(do not bump respirator on chest)
 - * SLOWLY COUNT BACKWARDS FROM 100 OUTLOUD OR READ
RAINBOW PASSAGE
 - * GRIMACE
 - * RETURN TO NORMAL BREATHING
-
- VII. The respirator is rejected if involuntary coughing occurs during the test.
 - VIII. If no response is seen during the test, the respirator is removed and the person given a sensitivity test from the same tube.

Rainbow Passage

When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. The rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch, with its path high above, and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at one end. People look, but no one ever finds it. When a man looks for something beyond reach, his friends say he is looking for the pot of gold at the end of the rainbow.

RESPIRATOR FIT TEST RECORD

DATE: _____

EMPLOYEE: _____

RESPIRATOR: _____ (Brand, Model and Size)

FIT TEST PROTOCOL: Irritant Fume (29 CFR 1910.134 Appendix A, B.5.)

THE EMPLOYEE EXPERIENCED NO REACTION TO THE IRRITANT SMOKE DURING THE FIT TEST PROCEDURE.

TEST CONDUCTOR SIGNATURE

EMPLOYEE SIGNATURE