



Energy Efficiency Specialists™

QUALITATIVE FIT TEST RECORD

A medical evaluation must be completed by the employee and approved for respirator wear prior to conducting the qualitative fit test.

(See testing procedures on reverse side)

Employee Information

Employee Name: Jesse Prafer Date: 10/3/2023
Job Title: Journeyman Carpenter Division: Seattle
Date Medical Evaluation Completed: 10/2/2023 Medically Cleared: YES NO

Respirator and Filter Data

☐ Dust Mask ☒ Air Purifying ☐ Supplied Air ☐ SCBA ☐ PAPR
Respirator Make: North Model: 7700 Series Size: Large
Filter Type: Honeywell 75 SCL NIOSH Approval #: TC84A

Test Agent

☐ Irritant Smoke ☐ Isoamyl Acetate ☒ Bitrex ☐ Saccharin Mist

Conditions

☒ Clean Shaven ☐ Facial Scar ☐ Dentures ☐ Glasses ☐ PPE Worn

Comments: _____

Fit Test Exercises

- | | | |
|--|---------------------|----------------|
| 1. Initial fit ok?..... | <u>Pass</u> | Fail |
| 2. Positive pressure check | <u>Pass</u> | Fail |
| 3. Negative pressure check | <u>Pass</u> | Fail |
| 4. Fit Test Exercises | | |
| a. Normal breathing (1 min) | <u>Pass</u> | Fail |
| b. Deep breathing (1 min) | <u>Pass</u> | Fail |
| c. Turning head side to side (1 min) | <u>Pass</u> | Fail |
| d. Moving head up and down (1 min) | <u>Pass</u> | Fail |
| e. Talking / Reading (1 min) | <u>Pass</u> | Fail |
| f. Bend over or jog in place (1 min) | <u>Pass</u> | Fail |
| 5. Fit satisfactory? | <u>Satisfactory</u> | Unsatisfactory |

	Print Name	Signature	Date:
Employee	<u>Jesse Prafer</u>	<u>Jesse Prafer</u>	<u>10/3/23</u>
Tester	<u>Chris Jenkins</u>	<u>Chris Jenkins</u>	<u>10/3/23</u>

Testing Procedures

1. Insure no beards, sideburns, mustaches, stubble or hair will affect the sealing surface.
2. **Put on the respirator**
 - a. Position the respirator on the face
 - b. Set strap tension
 - c. Determine an acceptable fit
3. Check for comfort by insuring room for eye protection, room to talk, position on face and cheeks.
 - a. Anytime during the testing procedure, if the respirator must be refitted to face, the test is void and must be started over.
4. **Complete positive pressure check.**
 - a. Close off the exhalation valve and exhale gently into the facepiece. The fit is considered satisfactory if a slight positive pressure can be built up inside the facepiece without any evidence of outward leakage of air at the seal. For most respirators, this method of leak testing requires the wearer to first remove the exhalation valve cover before closing off the exhalation valve and then carefully replacing it after the test.
5. **Complete negative pressure seal check.**
 - a. Close off the inlet opening of the canister or cartridge(s) by covering with the palm of the hand(s) or by replacing the filter seal(s), inhale gently so that the facepiece collapses slightly, and hold the breath for 10 seconds. Since the design of the inlet opening of some cartridges cannot be effectively covered with the palm of the hand, the test can be performed by covering the inlet opening of the cartridge with a thin latex or nitrile glove. If the facepiece remains in its slightly collapsed condition and no inward leakage of air is detected, the tightness of the respirator is considered satisfactory.
6. **Normal breathing:** have wearer breathe normally for 1 minute in a standing position without talking.
7. **Deep Breathing:** have wearer breathe slowly and deeply for 1 minute in a standing position without talking.
8. **Turning head side to side:** have wearer turn their head from side to side at extreme positions for 1 minute
9. **Moving Head up and down:** have wearer move their head up and down at extreme positions for 1 minute
10. **Talking:** have wearer talk out loud slowly and loud enough for tester to hear clearly for 1 minute or have them count down from 100.

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.

11. **Bending over / jogging in place:** have wearer bend over at the waist as if to touch the toes for 1 minute, if unable have employee jog in place for 1 minute
12. To maintain an adequate concentration of aerosol during this test, inject ½ the number of squeezes (5,10,15) every 30 seconds for the duration of the fit test.
13. The test is terminated at any time the bitter taste of aerosol is detected by the employee.
14. If the entire test is completed without the employee detecting the bitter taste of the aerosol, the test is successful and respirator fit has been demonstrated.

Did the wearer complete all the above requirements?

YES

NO

The respirator fit test is:

Satisfactory

Unsatisfactory

Reason for failure (if applicable): _____