Respiratory Protection Program

Toolkit
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Respiratory Protection Program

Purpose:
The purpose of this plan is to ensure compliance with Occupational Safety and Health Administration (OSHA) Standard 1910.134\(^1\) and staff protection from respiratory hazards through the proper use of respirators.

Responsibility:
The Respirator Program Administrator (RPA) is <staff title> and has been determined to be qualified for this role by training and/or experience. The RPA is primarily responsible for all aspects of this program and has the authority to make the necessary decisions to ensure its effectiveness. This authority includes (but is not limited to) selecting and authorizing procurement of the necessary equipment, ensuring each element of the program is implemented. The RPA (or designee) will ensure documentation of each of the program elements is maintained as required by the OSHA Standard.

Program Elements:

- **Risk Assessment:** The RPA will conduct a risk assessment to guide the selection of respirators, referring to the OSHA regulations and considering facility specific risk factors (such as patient populations served and/or history of outbreaks in the community). Manufacturer’s instructions, and other recognized authorities will be consulted as needed.

- **Respirator Selection:** Respirators will be selected on the basis of Centers for Disease Control and Prevention (CDC) guidance. Only National Institute for Occupational Safety and Health (NIOSH) certified respirators will be selected and used. Final selections will be made by the RPA (or designee).

- **Medical Evaluations:** The RPA will ensure medical evaluations are conducted to determine the individual’s ability to use a respirator.

- **Fit Testing:** The RPA will conduct or oversee fit-testing procedures to ensure respirator fit.

- **Staff Training:** The RPA will conduct or coordinate staff training on respiratory hazards to which staff members are potentially exposed during routine and emergency situations and in the proper use of respirators, including putting on and removing them and any limitations on their use.

- **Program Evaluation:** The RPA will evaluate the program’s effectiveness on an annual basis.

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\(^1\) OSHA Standard Number: 1910.134 Respiratory Protection (Last updated June 8, 2011)  
Procedures:

1. Risk Assessment
   a. The RPA conducts a risk assessment which includes the respiratory hazards to which primary care center staff may be exposed, this includes a reasonable estimate of exposures to respiratory hazard(s) and an identification of the hazards.
   b. The risk assessment presents the estimation of the likelihood of staff exposure to an airborne infectious disease, adverse effects resulting from exposure to such a disease, and if exposure to an airborne infectious disease can be reasonably anticipated.
   c. The risk assessment is conducted annually or more often in the event of an exposure or any other situation in which reassessment appears necessary to ensure program effectiveness.
   d. The RPA presents the assessment tool and results to the infection control committee for approval annually.

2. Selection of Respirators
   a. The RPA selects appropriate respirators based on the respiratory hazard(s) to which there is a risk of exposure and user factors that affect respirator performance and reliability.
   b. The RPA selects a NIOSH-certified respirator. The respirator shall be used in compliance with the conditions of its certification.
   c. The RPA selects respirators from a sufficient number of respirator models and sizes so that the respirator is acceptable to, and correctly fits any staff member required to wear it.

3. Medical Evaluations
   a. <Staff Title- must be a physician or other licensed health care professional (PLHCP)> is designated to perform medical evaluations using a medical questionnaire. This may be conducted as part of an initial medical examination that obtains the same information as the medical questionnaire *(Attachment A – Medical Evaluation Questionnaire)*.
   b. The medical questionnaire and examinations are administered confidentially, during normal working hours, and in a manner that ensures that the staff member understands its content.
   c. Staff members are provided with an opportunity to discuss the questionnaire and examination results with the designated PLHCP.
   d. The medical evaluation will be completed before the staff member is fit tested or required to use the respirator in the workplace.

4. Fit-Testing
a. Staff members are required to pass qualitative fit test (QLFT) prior to initial use of the respirator, whenever a different respirator (size, style, model or make) is used, and at least annually thereafter (Attachment B- Fit-Testing Documentation Form).

b. The fit test is administered using an OSHA-accepted protocol (Attachment C- Fit Testing Protocol Checklist).

c. An additional fit test is conducted whenever the staff member reports, or the employer, PLHCP, supervisor, or RPA makes visual observations of, changes in the staff member’s physical condition that could affect respirator fit. Such conditions include, but are not limited to, facial scarring, dental changes, cosmetic surgery, or an obvious change in body weight.

d. If notified that the fit of the respirator is unacceptable to any staff member, the RPA will ensure that staff member is given a reasonable opportunity to select a different respirator and to be retested.

e. Respirators are not to be worn by staff members who have physical conditions or facial hair that interferes with respirator seal or function; if a staff member wears corrective glasses or goggles or other personal protective equipment, the equipment must be worn in a manner that does not interfere with the seal of the respirator.

5. Respirator Use and Maintenance

a. Respirators are stored to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals, and packed or stored to prevent deformation.

b. Respirators are kept accessible to the appropriate staff members and stored in compartments or in covers that are clearly marked as containing respirators and in accordance with any applicable manufacturer instructions.

c. Respirators provided to staff are clean, sanitary, and in good working order as per manufacturer instructions and OSHA Standard 1910.134 Appendix B-2², as applicable.

d. When applicable, reusable respirators are issued for the exclusive use of an individual staff member and cleaned and disinfected as often as necessary to be maintained in a sanitary condition; respirators issued to more than one staff member shall be cleaned and disinfected before being worn by different individuals; respirators used in fit testing and training shall be cleaned and disinfected after each use.

e. Respirators are inspected before each use, during cleaning (if applicable) and in accordance with the manufacturer’s recommendations, and shall be checked for proper function before and after each use (if reusable).

f. When applicable, respirator inspections include the following a check of respirator functions, parts, and labels (including expiration date); respirators that fail an inspection or are otherwise found to be defective are removed from service, and are discarded or repaired (if applicable).

g. When applicable, repairs or adjustments to respirators are made only by persons appropriately trained to perform such operations and using the respirator manufacturer’s NIOSH-approved parts designed for the respirator; and are made according to the manufacturer’s recommendations and specifications for the type and extent of repairs to be performed.

6. Staff Training

a. Training occurs prior to requiring a staff member to use a respirator. Retraining shall be administered annually, and when the following situations occur:

i. Changes in the workplace or the type of respirator render previous training obsolete;

ii. Inadequacies in the staff’s knowledge or use of the respirator indicate that the staff member has not retained the requisite understanding or skill; or

iii. Any other situation arises in which retraining appears necessary to ensure safe respirator use.

b. Training is conducted to ensure that each staff member can demonstrate knowledge of at least the following:

i. Why the respirator is necessary and how improper fit, usage, or maintenance can compromise the protective effect of the respirator;

ii. What the limitations and capabilities of the respirator are;

iii. How to use the respirator effectively in emergency situations, including situations in which the respirator malfunctions (if applicable);

iv. How to inspect, put on and remove, use, and check the seals of the respirator;

v. What the procedures are for maintenance and storage of the respirator;

vi. How to recognize medical signs and symptoms that may limit or prevent the effective use of respirators; and the general requirements of OSHA Standard.

c. When a staff member has received training within the last 12 months that addresses the elements specified, he/she is not required to repeat such training provided that the staff member can demonstrate knowledge of those element(s). Previous training not repeated initially by the employer must be provided no later than 12 months from the date of the previous training.

d. Training is conducted in a manner that is understandable to staff as evidenced by training/program evaluations.
e. Staff members that are not required to wear respirators may refer to OSHA Standard 1910.134 Appendix D3 with the basic advisory information on respirators.

7. Program Evaluation
   a. Evaluations are conducted annually to ensure that the written respiratory protection program is being properly implemented, and to consult staff members to ensure that they are using the respirators properly (Attachment D- Program Evaluation Forms).
   b. Evaluations also include organizational considerations (as necessary) to ensure that the provisions of the current written program are being effectively implemented and that it continues to be effective.
   c. The evaluation process includes staff consultations to assess their views on the program, including:
      i. Program effectiveness
      ii. Identified issues/problems
      iii. Respirator fit & selection
      iv. Potential and known hazards
      v. Use under workplace conditions
      vi. Proper maintenance

8. Recordkeeping
   a. Written information is established and retained as documentation regarding medical evaluations, fit testing, and the respiratory protection program. This information facilitates staff involvement in the program, assists in auditing the adequacy of the program, and provides a record for compliance determinations by OSHA.
   b. Records of medical evaluations are retained and made available in accordance with the OSHA Standard 1910.1020- Access to employee exposure and medical records4 (generally, for the duration of employment plus thirty years).
   c. Fit Testing Records include the following:
      i. The name or identification of the employee tested;
      ii. Type of fit test performed;
      iii. Specific make, model, style, and size of respirator tested;
      iv. Date of test; and
      v. The pass/fail results

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d. Fit test records are retained for respirator users until the next fit test is administered.

e. A written copy of this plan and records of revisions and approvals are retained for documentation purposes.

f. Written materials are available upon request to affected staff members and to the OSHA representatives for examination and copying.

Date Program Established: _________________________________

Date Plan Approved: _________________________________

Approved By: _______________________________
Attachment A- Medical Evaluation Questionnaire

Part A. Section 1. (Mandatory) The following information must be provided by every employee who has been selected to use any type of respirator (please print).

1. Today’s date: _________________________________________________________

2. Your name: __________________________________________________________

3. Your age (to nearest year): _____________________________________________

4. Sex (check one):   □ Male     □ Female

5. Your height: __________ ft. __________ in.

6. Your weight: __________ lbs.

7. Your job title: _________________________________________________________

8. A phone number where you can be reached by the health care professional who reviews this questionnaire (include the Area Code): ________________________________

9. The best time to phone you at this number: _________________________

10. Has your employer told you how to contact the health care professional who will review this questionnaire (check one):   □ Yes     □ No

11. Check the type of respirator you will use (you can check more than one category):
   a. ______ N, R, or P disposable respirator (filter-mask, non-cartridge type only).
   b. ______ Other type (for example, half- or full-facepiece type, powered-air purifying, supplied-air, self-contained breathing apparatus).

12. Have you worn a respirator (check one):   □ Yes     □ No

13. If "yes," what type(s):

_____________________________________________________________________

_____________________________________________________________________

5 OSHA Standard Number: 1910.134 App C- Respirator Medical Evaluation Questionnaire (Mandatory).
Additional Questions (10 to 15) below must be answered by every employee who has been selected to use either a full-facepiece respirator or a self-contained breathing apparatus (SCBA). For employees who have been selected to use other types of respirators, answering these questions is voluntary.
Part A. Section 2. (Mandatory) Questions 1 through 9 below must be answered by every employee who has been selected to use any type of respirator (please check "Yes" or "No").

1. Do you currently smoke tobacco, or have you smoked tobacco in the last month: Yes ☐ No ☐

2. Have you ever had any of the following conditions?
   a. Seizures ☐ Yes ☐ No ☐
   b. Diabetes (sugar disease) ☐ Yes ☐ No ☐
   c. Allergic reactions that interfere with your breathing ☐ Yes ☐ No ☐
   d. Claustrophobia (fear of closed-in places) ☐ Yes ☐ No ☐
   e. Trouble smelling odors ☐ Yes ☐ No ☐

3. Have you ever had any of the following pulmonary or lung problems?
   a. Asbestosis ☐ Yes ☐ No ☐
   b. Asthma ☐ Yes ☐ No ☐
   c. Chronic bronchitis ☐ Yes ☐ No ☐
   d. Emphysema ☐ Yes ☐ No ☐
   e. Pneumonia ☐ Yes ☐ No ☐
   f. Tuberculosis ☐ Yes ☐ No ☐
   g. Silicosis ☐ Yes ☐ No ☐
   h. Pneumothorax (collapsed lung) ☐ Yes ☐ No ☐
   i. Lung cancer ☐ Yes ☐ No ☐
   j. Broken ribs ☐ Yes ☐ No ☐
   k. Any chest injuries or surgeries ☐ Yes ☐ No ☐
   l. Any other lung problem that you've been told about ☐ Yes ☐ No ☐

4. Do you currently have any of the following symptoms of pulmonary or lung illness?
   a. Shortness of breath ☐ Yes ☐ No ☐
   b. Shortness of breath when walking fast on level ground or walking up a slight hill or incline ☐ Yes ☐ No ☐
   c. Shortness of breath when walking with other people at an ordinary pace on level ground ☐ Yes ☐ No ☐
   d. Have to stop for breath when walking at your own pace on level ground ☐ Yes ☐ No ☐
e. Shortness of breath when washing or dressing yourself  Yes ☐ No ☐
f. Shortness of breath that interferes with your job  Yes ☐ No ☐
g. Coughing that produces phlegm (thick sputum):  Yes ☐ No ☐
h. Coughing that wakes you early in the morning  Yes ☐ No ☐
i. Coughing that occurs mostly when you are lying down  Yes ☐ No ☐
j. Coughing up blood in the last month  Yes ☐ No ☐
k. Wheezing  Yes ☐ No ☐
l. Wheezing that interferes with your job  Yes ☐ No ☐
m. Chest pain when you breathe deeply  Yes ☐ No ☐
n. Any other symptoms that you think may be related to lung problems  Yes ☐ No ☐

5. Have you ever had any of the following cardiovascular or heart problems?
   a. Heart attack  Yes ☐ No ☐
   b. Stroke  Yes ☐ No ☐
   c. Angina  Yes ☐ No ☐
   d. Heart failure  Yes ☐ No ☐
   e. Swelling in your legs or feet (not caused by walking)  Yes ☐ No ☐
   f. Heart arrhythmia (heart beating irregularly)  Yes ☐ No ☐
   g. High blood pressure  Yes ☐ No ☐
   h. Any other heart problem that you've been told about  Yes ☐ No ☐

6. Have you ever had any of the following cardiovascular or heart symptoms?
   a. Frequent pain or tightness in your chest  Yes ☐ No ☐
   b. Pain or tightness in your chest during physical activity  Yes ☐ No ☐
   c. Pain or tightness in your chest that interferes with your job  Yes ☐ No ☐
   d. In the past two years, have you noticed your heart skipping or missing a beat  Yes ☐ No ☐
   e. Heartburn or indigestion that is not related to eating  Yes ☐ No ☐
   f. Any other symptoms that you think may be related to heart or circulation problems  Yes ☐ No ☐
7. Do you currently take medication for any of the following problems?

a. Breathing or lung problems  Yes ☐ No ☐

b. Heart trouble  Yes ☐ No ☐

c. Blood pressure  Yes ☐ No ☐

d. Seizures  Yes ☐ No ☐

8. If you've used a respirator, have you ever had any of the following problems?  
   If you've never used a respirator, check the following space ___ and go to Question 9.

a. Eye irritation  Yes ☐ No ☐

b. Skin allergies or rashes  Yes ☐ No ☐

c. Anxiety  Yes ☐ No ☐

d. General weakness or fatigue  Yes ☐ No ☐

e. Any other problem that interferes with your use of a respirator  Yes ☐ No ☐

9. Would you like to talk to the health care professional who will review this questionnaire about your answers to this questionnaire:  Yes ☐ No ☐
Attachment B - Fit Testing Documentation Form

<table>
<thead>
<tr>
<th>Name of Employee Tested</th>
<th>Type of Test (Qualitative or Quantitative)</th>
<th>Type of Respirator Used (Make, Model, Style/Size)</th>
<th>Date of Test</th>
<th>Results of Test (Pass/Fail)</th>
</tr>
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<tbody>
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Attachment C - Fit Test Checklist

Staff Name: ____________________________________________
Department / Unit: _______________________________________
Date: __________________________________________________

The Respiratory Program Administrator will conduct or oversee fit testing procedures to ensure respirator fit. This is checklist for a qualitative Fit Test. This test is conducted annually or if other conditions require a retesting. Qualitative fit testing provides a pass or fail result based on the wearer detecting a test agent. It provides a subjective measure of the quality of the seal of the facepiece to the wearers face. These tests are suitable for disposable respirators and half masks. The test agent can either be detected by taste or by smell.

### Step 1 – Coordinate the test

<table>
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<tr>
<th>Description</th>
<th>Check</th>
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<tbody>
<tr>
<td>Set a specific time slot for each person being tested. (30 minutes Suggested).</td>
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<tr>
<td>Arrange for each person to be fit-tested individually. (This way they will not be distracted by other people in the room. Test takes 20-40 minutes).</td>
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<tr>
<td>Instruct persons tested to be cleanly shaven. (If applicable).</td>
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<tr>
<td>Instruct person being tested not to eat or drink anything other than water within 30 minutes of their allocated time-slot. (This reduces the risk of food or drink leaving a residual taste in their mouth that could be confused with a fit test failure).</td>
<td>☐</td>
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<tr>
<td>Determine if persons being tested should bring their own masks, or if identical models (sizes where appropriate) will be provided for the tests. (This applies if respirators have already been issued and fit testing is being carried out retrospectively. If respirators have not already been issued, explain that one will be specified and provided at the time of the test).</td>
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### Step 2 – Check the equipment you need

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<th>Description</th>
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<tr>
<td><strong>Nebulizers:</strong> Ensure they are washed and rinsed and that they work properly. (Saccharin can sometimes crystallize and block the nebulizer. If this happens the bulb becomes hard to squeeze and no aerosol comes out. Use the pins provided to unblock nebulizers. Spraying in front of a dark background makes it easier to see the fine mist emerging from the spout).</td>
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<tr>
<td><strong>Test Solutions:</strong> Check you have enough of each of the solutions. On average one teaspoon should be enough test 10 people. Each bottle should be able to test about 150 people.</td>
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</tbody>
</table>
Screw the cap firmly on the bottle to prevent saccharin solution leaking out and crystallizing as a white powder around the cap. In particular, try and avoid getting any of the powder into the nebulizer or it may become blocked.

If this occurs during a fit test then ideally have a spare one available to use. Otherwise you will have to halt the test, wash the nebulizer using the ‘pin’ provided to dislodge any blockages, and then start the test again from the beginning. Finally, avoid storing the solutions in a cold place as the saccharin can crystallize into a lump inside the bottle. If this occurs, you may have to leave the bottle in warm water for a while to dissolve the saccharin back into solution.

The bitter solution is less prone to crystallizing out of solution.

Respirators:

Ensure there are enough samples of each respirator you are testing (together with different sizes when applicable).

(One for each person and a few spares should be enough).

### Step 3 – On the day of the test

<table>
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<tr>
<th>Description</th>
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<tr>
<td><strong>Assemble the hood:</strong> Make a 10cm (~4 inch) ‘gap’ between the person’s face and the inside of the hood by pulling apart the front and back of the hood at the top. You can clip together the two press-studs on the top corners of the hood to hold it in this shape.</td>
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<tr>
<td><strong>Prepare the nebulizers:</strong></td>
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<tr>
<td>- Use the foam block provided in the kit with the round holes as a holder to stand the nebulizers upright and ready for use.</td>
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<tr>
<td>- Don’t pour in too much solution. A teaspoon is enough for several people. A quarter teaspoon is more than enough for one person.</td>
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<tr>
<td>- Each nebulizer is marked ‘Sensitivity Solution’ or ‘Fit Test Solution’. DO NOT put the wrong solution into the nebulizer or you risk using the wrong solution in the tests. (The two solutions have different concentrations and should not be mixed or confused with each other).</td>
<td></td>
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<tr>
<td>- Check that BOTH nebulizers are working by spraying against a dark background. You should see a fine mist coming from the spout.</td>
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<tr>
<td>- Wash your hands afterwards to reduce the risk of surface contamination.</td>
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<tr>
<td><strong>Prepare the person being tested:</strong> Explain the purpose of the test and what you want them to do.</td>
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<tr>
<td>- Follow instructions given.</td>
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<tr>
<td>- Explain that the test is very rigorous and it is possible to taste very tiny amounts of the solution should they get inside the respirator. They should follow your instructions precisely and should not talk until asked to do so. They need to avoid laughing or doing anything different from the test protocol.</td>
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<tr>
<td>- If they wear other Personal Protection Equipment (PPE) explain that during the Fit Test they should wear whatever other PPE they would normally wear when using the respirator, such as safety eyewear or normal spectacles.</td>
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<tr>
<td>- Explain that if they pass, this result is specific to this particular respirator and they should not use another type or model unless they are fit tested on that one too.</td>
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</table>
If they fail explain they can be tested on the same respirator a second time even though they failed at the first attempt. This is because failures are often a result of not taking enough care during fitting. If they fail twice, then they should not see this as a failure on their part. It is just an indication that the respirator tested has been shown not to fit them well enough and an alternative must now be tried in order to find a model that will provide them with an adequate fit.

Explain the importance of avoiding a false test result due to trace amounts of the solution getting into their mouth. This is why they will be asked to wash their hands, face and lips before the fit test stage begins and to keep these clean throughout.

Step 4 – Conducting the test

<table>
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<tr>
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<tbody>
<tr>
<td><strong>Remember these Practical Tips:</strong></td>
<td></td>
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<tr>
<td>– Remind the person to breathe through their mouth with their tongue slightly out. Remind them that they are trying to taste the solution, not smell it.</td>
<td>☐</td>
</tr>
<tr>
<td>– Regularly check the nebulizer. Frequently check that you can see the spray entering the hood. If the mist can’t be seen then the nebulizer may have become blocked and you will need to unblock it.</td>
<td></td>
</tr>
<tr>
<td>– *If doing the Sensitivity Test and Fit Test on the same day, ensure a good time gap between the two to give time to rid the taste from the person’s mouth and to wash hands and lips to avoid cross contamination. 5 minutes should be enough. Ensure they have a drink of water to help clear any leftover taste.</td>
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<tr>
<td>– Alternative to Rainbow Passage: If preferred, it is acceptable for the person to count down from 100, or recite some other passage known to them, as long as they continue to talk out aloud for one minute.</td>
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**Perform the Sensitivity Test**

Remember: This portion of the test is done without wearing the respirator. The objective is to find out if the person can taste the solution and HOW MANY squeezes of the nebulizer to use in the Fit Test which follows.

<table>
<thead>
<tr>
<th>Description</th>
<th>Check</th>
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<tbody>
<tr>
<td>– Have the test subject put on the hood without the respirator.</td>
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<tr>
<td>– Position the hood so that there is at least 6 inches between the subject’s face and hood window.</td>
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<tr>
<td>– Have subject breathe through their mouth with tongue extended.</td>
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<tr>
<td>– Use nebulizer #1 sensitivity test solution and inject the aerosol into the hood through the hole in the hood window. Inject ten squeezes of the bulb, fully collapsing and allowing the bulb to fully expand on each squeeze. Both plugs of the nebulizer are removed during use. Hold the nebulizer upright to ensure aerosol generation.</td>
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<tr>
<td>– Ask the subject if they can taste the solution after 10 squeezes. If subject can taste the solution then 10 squeezes is what is required. If not squeeze another 10 squeezes and ask again if they can taste the solution. You will continue up to 30 squeezes and at that point you will ask the subject if they can taste the solution. If they can taste then you will note the number of squeezes. You will perform increments of 10 until the subject either states that they can taste the solution or you reach 30 squeezes. If by 30 squeezes there is no taste then a different test is required or switch to a different solution.</td>
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<tr>
<td>– Remove the hood and give the subject at least 5 minutes to clear the taste. Having them rinse with water may be helpful.</td>
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**Perform the Respirator Fit-Test**

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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>– Have the test subject don the respirator and perform a user seal check.</td>
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</table>
– Have the user don any applicable safety equipment that may be worn during actual respirator use.
– Have subject don the test hood as before and breathe through their mouth with tongue extended.
– Use nebulizer #2 with test solution and inject the fit test aerosol using the same number of squeezes as required in the sensitivity test (10, 20, 30).
– A minimum of 10 squeezes is required fully collapsing and allowing the bulb to expand. The nebulizer must be held in a upright position to ensure aerosol generation.
– To maintain an adequate concentration of aerosol during the test, inject one half the number of squeezes (5, 10, 15) every 30 seconds during the fit test procedure.
– After the initial injection of aerosol, ask the subject to perform the following test for 60 seconds each:
  ✓ Normal Breathing- no talking
  ✓ Deep breathing- do not hyperventilate
  ✓ Turn head side to side- Inhale at each side
  ✓ Move head up and down- inhale as they look up
  ✓ Talking the test conductor should hear them-Read prepared text, count backwards from 100*
  ✓ Bending over- Hold hood in place. Light jog could be substituted
  ✓ Normal Breathing- no talking

### Step 5 – Completing the test

<table>
<thead>
<tr>
<th>Description</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Before removing the hood:</strong></td>
<td>☐</td>
</tr>
<tr>
<td>Ask the person to put their hand inside the hood and then, with one finger, break the seal of the respirator on their face. Ask them to take a breath through their mouth. They will probably grimace in surprise at the sudden taste of the strong solution inside the hood.</td>
<td>☐</td>
</tr>
<tr>
<td><em>(This is a very good way of building people’s confidence in the respirator, because they will realize that if it can be this effective at keeping out an apparently high concentration of test agent for so long, then it will be able to protect them in the workplace, provided they have been careful to fit it correctly each time. Make this point to them afterwards).</em></td>
<td>☐</td>
</tr>
</tbody>
</table>

### Step 6 – If someone fails a fit test

<table>
<thead>
<tr>
<th>Description</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Repeat the Test</strong></td>
<td>☐</td>
</tr>
<tr>
<td>– Person can be tested twice on the same respirator.</td>
<td>☐</td>
</tr>
<tr>
<td>– You only fail if you fail twice on the same size and model of respirator.</td>
<td>☐</td>
</tr>
<tr>
<td>– You may also elect to arrange for fit testing on an alternative model or size as soon as possible.</td>
<td>☐</td>
</tr>
</tbody>
</table>
Attachment D – Program Evaluation Form

This form has been completed by the Respiratory Program Administrator (RPA) as part of the annual evaluation of the Respiratory Protection Program.

Date of Completion: _________________________

In the program year beginning < Month, year > and ending < Month, Year >, the RPA has noted the following organizational considerations as factors for evaluating the effectiveness of the program (consider new locations, changes in staffing/services provided, etc.):

____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

Program Activity:

The RPA has reviewed the current Respiratory Protection Program Risk Assessment and presented it to the Infection Control Committee on < Date >. See below of a summary of any changes in risk factors or ratings:

____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

Have respirators selected changed from previous year(s)? Yes ☐ No ☐

If yes, please list reason(s) for change in selection: _______________________________________
____________________________________________________________________________________
____________________________________________________________________________________

Number of Medical Evaluation Questionnaire completed: ______

Number of staff trained on the OSHA Standard and Respiratory Protection Program: ______

Methods of Training included:
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

Number of staff members Fit-tested: ______ Number passing Fit-Test: ______

Number of staff members consulted/ completed program evaluations: _____

See below for a summary of feedback collected via staff consultations/evaluations:

____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
Respiratory Protection Program Staff Evaluation Form

You have been provided with this form to assess your views on the Respiratory Protection Program.

Staff Name: ____________________________________________
Title: ________________________________________
Date: __________________________________________________

Please rate, on a scale of 1 to 5, your overall assessment of the effectiveness of the Respiratory Protection Program, with 1 indicating highly effective and 5 indicating highly ineffective.

<table>
<thead>
<tr>
<th>Not Effective</th>
<th>Highly Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

Please rate, on a scale of 1 to 5, your overall assessment of the program relative to the statements provided, with 1 indicating strong disagreement and 5 indicating strong agreement.

<table>
<thead>
<tr>
<th>Assessment Factor</th>
<th>Strongly Disagree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>I am aware of the potential and known respiratory hazards associated with my position and job duties.</td>
<td>1 2 3 4 5</td>
<td></td>
</tr>
<tr>
<td>The respirators selected for staff use provide appropriate protection and proper fit.</td>
<td>1 2 3 4 5</td>
<td></td>
</tr>
<tr>
<td>Identified issues/problems have been promptly addressed.</td>
<td>1 2 3 4 5</td>
<td></td>
</tr>
<tr>
<td>I feel comfortable using a respirator under current workplace conditions.</td>
<td>1 2 3 4 5</td>
<td></td>
</tr>
<tr>
<td>Training provided me with appropriate knowledge of the OSHA Standard and Respiratory Protection Program Elements.</td>
<td>1 2 3 4 5</td>
<td></td>
</tr>
</tbody>
</table>

Please provide any additional comments below:

______________________________________________________________________________

______________________________________________________________________________
References and Additional Resources


2. CAHF Video:
   https://vimeo.com/14838220

3. 3M Video Mask vs. Respirator.
   https://www.youtube.com/watch?v=1dTzCYweXgc

4. CAHF Just in Time Respiratory Protection Program Set up and Implementation Checklist.

5. OSHA Training Videos
   https://www.osha.gov/SLTC/respiratoryprotection/training_videos.html

6. Respiratory Protection for Healthcare Workers Training Video
   https://www.dol.gov/dol/media/webcast/20110112-respirators/

7. OSHA Hospital Respiratory Protection Program Toolkit
   https://www.osha.gov/Publications/OSHA3767.pdf

8. California Department of Public Health Respirator Use in Health Care Workplaces – a Toolkit for Respirator Program Administrators
   https://www.cdph.ca.gov/programs/ohb/Pages/RespToolkit.aspx

9. Minnesota Department of Health-Respiratory Protection Program
   http://www.health.state.mn.us/divs/idepc/dtopics/infectioncontrol/rpp/index.html

10. The Joint Commission. Implementing Hospital Respiratory Protection Programs: Strategies from the Field
    https://www.jointcommission.org/implementing_hospital_respiratory_protection_programs_strategies_from_the_field/

11. AAOHN Respiratory Protection Education & Resources Webkit
    http://www.aaohnacademy.org/rpp/rpp-program.php