

Respiratory Protection Program for Employees Required to Wear Respirators During Normal Work Operations and Emergencies

Contents

Purpose	3
Scope and Application	3
Responsibilities	3
Program Administrator	3
Supervisors	3
Employees	4
Hazard Evaluations	4
NIOSH Certifications	4
Medical Evaluations	4
Fit Testing	5
Respirator Use	6
General Use	6
Voluntary Use	6
Respirator Malfunction	6
Locations Immediately Dangerous To Life Or Health	6
Cleaning, Maintenance, Change Schedules and Storage	6
Cleaning	6
Maintenance	7
Change Schedules	7
Respirator Storage	8
Training	8
Program Evaluation	8
Documentation And Recordkeeping	8
Fill-in Forms	
Form 1: Required Respirators	10
Form 2: Respirators for Voluntary Use	11
Form 3: Medical Release	14
Form 4: Medical Evaluation Questionnaire From 1910.134, Appendix C	15
Form 5: Fit Test Results	19
Form 6: Program Evaluation Summary	20

PURPOSE

This program ensures that Southwestern Oregon Community College employees are protected from airborne chemical hazards during their work. Engineering controls such as ventilation and substitution of less toxic materials are preferred protection methods. However, for some tasks and during emergencies, respirators are necessary to protect employees. To ensure that employees who wear respirators are protected from airborne chemical hazards, Southwestern Oregon Community College will do the following:

- Evaluate respiratory hazards to ensure employees have appropriate respirators.
- Ensure that employees are medically able to wear respirators.
- Fit-test employees with the appropriate respirators.
- Train employees to use and maintain their respirators.
- Evaluate this program periodically to ensure that it is effective.

SCOPE AND APPLICATION

This program applies to all employees who are required to wear respirators during their work. Employees participate in the respiratory protection program at no cost; the costs for medical evaluations, fit testing, and respirators will be paid by Southwestern Oregon Community College.

RESPONSIBILITIES

PROGRAM ADMINISTRATOR

The program administrator is responsible for administering the respiratory protection program and has the following duties:

- Identify the work areas, processes or tasks that require employees to wear respirators and evaluate the hazards.
- Select appropriate respirators for employees.
- Ensure that employees use respirators in accordance with NIOSH certifications.
- Ensure that employees receive respiratory protection training.
- Ensure that employees store and maintain respirators properly.
- Manage respirator fit testing.
- Manage medical surveillance of employees.
- Maintain required records.
- Inform contractors of this Southwestern's respiratory protection requirements.
- Evaluate the respiratory protection program.
- Update the respiratory protection program when necessary.

The program administrator is Emerald Brunett.

SUPERVISORS

Supervisors will ensure that the respiratory protection program is implemented in their work areas. Supervisors must understand the requirements of this program and ensure that the employees under their charge understand the requirements. Supervisors have the following responsibilities:

- Ensure that employees under their supervision have received appropriate training, fit testing, and medical evaluations.
- Ensure that appropriate respirators and accessories are available.
- Know the tasks that require respiratory protection.
- Enforce the proper use of respirators.
- Ensure that respirators are cleaned, maintained, and stored as required by this program.
- Monitor work areas to identify respiratory hazards.
- Work with the program administrator to address respiratory hazards and other program concerns.

EMPLOYEES

Employees must wear their respirators in the manner in which they were trained and do the following:

- Care for and maintain their respirators as instructed and store them in a clean sanitary location.
- Inform their supervisor if the respirator no longer fits and request a new one that fits properly.
- Inform their supervisor or the program administrator about respiratory hazards or other concerns that they have regarding the respiratory protection program.

HAZARD EVALUATIONS

The program administrator will select respirators based on the hazards to which workers are exposed and in accordance with Oregon OSHA requirements. The program administrator will conduct a hazard evaluation for each work process or area where airborne contaminants may be present during routine operations or emergencies. The evaluation must include the following:

- Identification and development of a list of hazardous substances used in the workplace by department or work process.
- Review of work processes to determine where potential exposures to these hazardous substances
 may occur. This review will be conducted by surveying the workplace, reviewing process records, and talking to
 employees and supervisors.

Hazard evaluations should also include exposure monitoring to quantify potential hazardous exposures.

The program administrator must revise and update the hazard assessment any time there are changes in the workplace that may affect exposure. Employees who feel that respiratory protection is necessary must contact their supervisor or the program administrator. The program administrator will evaluate the hazards and inform the employees about the evaluation results. If respiratory protection is necessary, all elements of this program will apply and this program will be updated.

NIOSH CERTIFICATIONS

All respirators must be certified by the National Institute for Occupational Safety and Health (NIOSH) and used according to the terms of that certification. All filters, cartridges, and canisters must be labeled with the appropriate NIOSH approval label; the label must not be removed or defaced.

MEDICAL EVALUATIONS

Employees who are required to wear respirators or who choose to wear respirators other than dust masks must have a confidential medical evaluation to ensure that their safety and health is not at risk. Employees are not permitted to wear respirators until a physician has determined that they are medically able to do so. Any employee refusing a medical evaluation will not be permitted to work in areas that require respirators.

A licensed physician at North Bend Medical Center will conduct medical evaluations.

- The medical evaluation will be conducted with the questionnaire in Appendix C, 1910.134. The program administrator will provide a copy of this questionnaire to each employee who requires a medical evaluation.
- Southwestern will attempt to assist employees who are unable to read the questionnaire. When this is not possible, an employee will be sent directly to the physician for medical evaluation.
- All affected employees will be given a copy of the medical questionnaire and a stamped, pre-addressed
 envelope to complete and return to the physician. Employees will be permitted to fill out the questionnaire on
 company time.
- Follow-up medical exams will be granted to employees as required by 1910.134 or North Bend Medical Center.
- All employees will have the opportunity to speak to the physician about their medical evaluation.

- The program administrator will provide North Bend Medical Center with the following information:
 - A copy of this respiratory protection program, a copy of 1910.134, and a list of hazardous substances by work area
 - The name of each employee who needs a medical evaluation and his or her work area or job title
 - The employee's proposed respirator type and weight
 - The length of time the employee is required to wear the respirator
 - The employee's expected physical work load (light, moderate, or heavy), potential temperature and humidity extremes of the work area, and a description of protective clothing the employee must wear
- Any employee required to wear a positive-pressure air-purifying respirator for medical reasons will be provided with a powered air-purifying respirator.

Additional medical evaluations will be provided under the following circumstances:

- The employee reports signs or symptoms related to his or her ability to use a respirator, such as shortness of breath, dizziness, chest pains, or wheezing
- The supervisor informs the program administrator that the employee needs to be re-evaluated
- Information from this program, including observations made during fit testing and program evaluation, indicates a need for reevaluation
- A change occurs in workplace conditions that may result in an increased physiological burden on the employee

Information from medical examinations and questionnaires is confidential and can be shared only between the employee and the physician.

FIT TESTING

Fit testing is required for employees who wear the following types of respirators: Air Purifying Full Face and Half Face Respirators. Employees who voluntarily wear respirators may also be fit tested upon request.

Employees will be fit tested with the make, model, and size of respirator that they will actually wear. Employees will be provided with several models and sizes of respirators so that they may find an optimal fit. Fit testing of powered air-purifying respirators is to be conducted in the negative pressure mode.

Fit testing will be conducted with one of the acceptable methods shown in the table below:

Acceptable fit-test methods for typical respirator facepieces					
Respirator/facepiece	Qualitative fit test	Quantitative fit test			
Half-face negative-pressure air-purifying respirator (including	Yes	Yes			
dust masks)					
Full-face negative-pressure air-purifying respirator used in	Yes	Yes			
atmospheres up to 10 times the PEL					
Full-face negative-pressure air-purifying respirator used in	No	Yes			
atmospheres greater than 10 times the PEL					
Powered air-purifying respirators (PAPRs)	Yes	Yes			
Supplied-air respirators (SARs) or self-contained breathing	No	Yes			
apparatus (SCBA) used in the negative-pressure (demand) mode					
SARs or SCBAs used in the positive-pressure (pressure demand)	Yes	Yes			
mode					
SCBAs used for structural fire fighting (positive pressure)	Yes	Yes			
SCBAs and SARs for atmospheres immediately dangerous to life	Yes	Yes			
and health (IDLH), positive pressure					

- Qualitative fit tests (QLFT) cannot be used for negative pressure APRs in atmospheres greater than 10 times the PEL.
- Quantitative fit tests (QNFT) must achieve a fit factor of at least 100 for a tight-fitting half mask and at least 500 for a tight-fitting full facepiece.
- Follow the fit-test procedures in 1910.134, Appendix A, regardless of the test method.

RESPIRATOR USE

GENERAL USE

Employees will use their respirators as required by this program and in accordance with the training they receive. Respirators will not be used in a manner for which NIOSH or the manufacturer does not certify them.

Employees must conduct user seal checks each time that they wear their respirators. Employees must use the positive and negative pressure checks specified in Appendix B-1, 1910.134.

Employees will be permitted to leave their work areas to clean their respirators, to change filters or cartridges, replace parts, or to inspect respirators if they stop functioning. Employees should notify a supervisor before leaving a work area.

Employees are not permitted to wear tight-fitting respirators if they have conditions such as facial scars, facial hair, or missing dentures that prevent them from achieving a good seal. Facial hair must not contact sealing surfaces or interfere with the valve function. Employees are not permitted to wear headphones, jewelry, or other articles that may interfere with the facepiece-to-face seal.

VOLUNTARY USE

Employees who choose to wear respirators will receive a copy of Appendix D, 1910.134, which explains the requirements for voluntary use of respirators. Any employee who voluntarily wears a respirator other than a dust mask is subject to the medical evaluation, cleaning, maintenance, and storage elements of this program, and must be provided with the information specified in this section of the program.

Dust masks: Employees who voluntarily wear dust masks are not subject to the medical evaluation, cleaning, storage, and maintenance provisions of this program.

The program administrator will authorize voluntary use of respirators as requested by all other employees on a case-by-case basis, depending on workplace conditions and medical evaluation results.

RESPIRATOR MALFUNCTION

Respirators that are defective or that have defective parts must be removed from service immediately. An employee who discovers a defect in a respirator must inform his or her supervisor who will give the respirators to the program administrator. The program administrator will decide whether to take the respirator out of service, fix it on the spot, or dispose of it.

The employee must discontinue use and inform his or her supervisor that the respirator is not working correctly. The supervisor must ensure that the employee receives parts to repair the respirator or receives another respirator.

LOCATIONS IMMEDIATELY DANGEROUS TO LIFE OR HEALTH

There are no operations at Southwestern that are IDLH at this time.

CLEANING, MAINTENANCE, CHANGE SCHEDULES AND STORAGE

CLEANING

Respirators must be regularly cleaned and disinfected at the respirator cleaning station in Facilities and Eden Hall. Respirators must be cleaned as often as necessary to keep them sanitary.

The following procedure must be used for cleaning and disinfecting respirators:

- 1. Disassemble respirator. Remove filters, canisters, or cartridges.
- 2. Wash the facepiece and parts in warm water with a mild detergent. Do not use organic solvents.
- 3. Rinse completely in clean warm water.
- 4. Wipe the respirator with disinfectant wipes.
- 5. Air dry the respirator in a clean area.
- 6. Reassemble the respirator, inspect it, and replace defective parts.
- 7. Put the respirator in a clean, dry, plastic bag or other air-tight container.

The program administrator will ensure an adequate supply of appropriate cleaning and disinfection materials at the cleaning station. Employees should contact their supervisor or the program administrator when supplies are low.

MAINTENANCE

Respirators must be properly maintained to ensure that they work properly. Maintenance involves a thorough visual inspection for cleanliness and defects. Worn or deteriorated parts must be replaced. No components will be replaced or repairs made except those recommended by the manufacturer.

The following checklist must be used to ensure respirators are properly inspected:

	Respirator inspection checklist		
Facepiece	No cracks, tears, or holes		
	No facemask distortion		
	No cracked or loose lenses or face shields		
Head straps	☐ No breaks or tears		
	☐ No broken buckles		
Valves	No residue or dirt, cracks, or tears in valve material		
Filters and cartridges	☐ NIOSH approved		
	Gaskets seat properly		
	☐ No cracks or dents in housing		
	Proper cartridge for hazards		
Air supply systems	☐ Breathing-quality air is used; breathing air meets requirements		
	in ORS 1910.134(i)(5)-(7).		
	Supply hoses are in good condition		
	Hoses are properly connected		
	Settings on regulators and valves are correct		

Employees are permitted to leave their work to maintain their respirators in a designated safe area under the following circumstances:

- To wash their own faces and the respirators' facepieces to prevent eye or skin irritation
- To replace filters, cartridges, or canisters
- When they detect vapor or gas breakthrough or leakage in the facepiece or detect other damage to the respirator or its components

CHANGE SCHEDULES

Air-purifying particulate filters, cartridges, or filtering facepieces must be replaced when breathing resistance increases, the cartridge surface is contaminated, or when the filter is damaged.

Note to users of this program. Gases and vapors, odor and irritation are not considered adequate warnings. Because end-of-service-life indicators (ESLI) are available for a limited number of chemicals, employers must develop change-out schedules for cartridges and canisters used with air-purifying respirators for protection against gases and vapors.

RESPIRATOR STORAGE

Respirators must be stored in a clean, dry area in accordance with the manufacturer's recommendations. Employees must clean and inspect their air-purifying respirators in accordance with the provisions of this program and store them in a plastic bag in their work area. Each employee's name must be on the bag and the bag must be used only to store the respirator.

The program administrator will store unused respirators and respirator components in their original manufacturer's packaging in Facilities and Eden Hall.

TRAINING

The program administrator will ensure training is provided to respirator users and supervisors. Employees must be trained before using a respirator. Supervisors must be trained before using a respirator or supervising employees who wear respirators. Training will cover the following topics:

- This respiratory protection program
- The Oregon OSHA respiratory protection standard, 1910.134
- Respiratory hazards and their health effects
- Selection and use of respirators
- Limitations of respirators
- How to put on respirators and perform user seal checks
- Fit testing
- Emergency procedures
- Maintenance and storage
- Medical signs and symptoms that limit the use of respirators

Employees must be retrained annually and whenever they change jobs or use a different respirator. The program administrator will document the training, including the type, model, and size of respirator for which each employee has been trained and fit tested.

PROGRAM EVALUATION

The program administrator will conduct periodic evaluations of the workplace to ensure that the provisions of this program are implemented. Evaluations will include regular consultations with employees who use respirators and their supervisors, site inspections, air monitoring, and a records review. Problems discovered during evaluations must be documented in an inspection log, addressed by the program administrator, and reported to management. The report must recommend how and when to correct each problem.

DOCUMENTATION AND RECORDKEEPING

A written copy of this program and 1910.134 are kept in the program administrator's office and are available to employees who wish to review them. Also maintained in the program administrator's office are copies of training and fit-test records which are updated when new employees are trained, when employees receive refresher training, and when new fit tests are conducted.

Medical questionnaires and the physician's documented findings are confidential and will remain at North Bend Medical Center, 1900 Woodland Dr, Coos Bay, OR 97420. The program administrator will keep only the physician's written recommendation for each employee to wear a respirator.

Respirators are an effective method of protection against designated hazards when properly selected and worn. Respirator use is encouraged, even when exposures are below the exposure limit, to provide an additional level of comfort and protection for workers. However, if a respirator is used improperly or not kept clean, the respirator itself can become a hazard to the worker. Sometimes, workers may wear respirators to avoid exposures to hazards, even if the amount of hazardous substance does not exceed the limits set by OSHA standards. If your employer provides respirators for your voluntary use, of if you provide your own respirator, you need to take certain precautions to be sure that the respirator itself does not present a hazard. You should do the following:

- 1. Read and heed all instructions provided by the manufacturer on use, maintenance, cleaning and care, and warnings regarding the respirator's limitations.
- Choose respirators certified for use to protect against the contaminant of concern. NIOSH, the
 National Institute for Occupational Safety and Health of the U.S. Department of Health and Human Services,
 certifies respirators. A label or statement of certification should appear on the respirator or respirator packaging.
 It will tell you what the respirator is designed for and how much it will protect you.
- 3. Do not wear your respirator into atmospheres containing contaminants for which your respirator is not designed to protect against. For example, a respirator designed to filter dust particles will not protect you against gases, vapors, or very small solid particles of fumes or smoke.
- 4. Keep track of your respirator so that you do not mistakenly use someone else's respirator.

[63 FR 1270, Jan. 8, 1998; 63 FR 20098, 20099, Apr. 23, 1998]

Stat. Auth.: ORS 654.025(2) and 656.726(3).

Stats. Implemented: ORS 654.001 through 654.295. **Hist:** OR-OSHA Admin. Order 3-1998, f. 7/7/98, ef. 7/7/98.

FORM 1: REQUIRED RESPIRATORS — DETERMINED THROUGH HAZARD ASSESSMENTS

Note: the first row below is an example.

Req	uired respirators at	Southwestern Oregon Commu	nity College
Respirator	Area affected	Employees affected	Hazard
Multi-Gas Vapor/P100 Full Face air purifying respirator	Wrestling mats	Custodians: Jeremy Schroeder Beth Hutchinson Terry Paiva Genelle Contreras James Pickett David Simmons	Use of ProKure to clean wrestling mats for 1 hour daily. Leave north back door to wrestling room open with fan pulling out bad air from room. Use Full Face respirator with Multi-Gas/Vapor cartridge P100 respirator when doing this task.
3M 5101 respirator with N95 dust filter	Facilities staff throughout campus	Genelle Contreras Ron Bryant Patrick Horath Michael Wolf Beth Hutchinson Josh Mikosky Terry Paiva James Pickett Jeremy Schroeder David Simmons	Use of Clorox Commercial Solutions Total 360 Disinfectant Cleaner for use in disinfecting for COVID-19

FORM 2: RESPIRATORS FOR VOLUNTARY USE — DETERMINED THROUGH HAZARD ASSESSMENTS

FORM 1: RESPIRATORS FOR VOLUNTARY USE — DETERMINED THROUGH HAZARD ASSESSMENTS ON MAY 15, 2014

Respirator	Area affected En		Employees		!			
21.1.51.21	- I - D - I		affected					
3M 5101	Eden Pottery	James F				ro shown holow o	amparad ta	+h.a
respirator with N95	Studio (outside on		Employee exposures are shown below compared to the					
dust filter	patio)		OR-OSHA Permissible Exposure Limits (PELs) as (TWA) in mg/m ³ :			A) III		
aust miter	patio		ļ	6/	Table 2 Mixing	g Ceramic Glazes		
			Pers	sonal Metals		nd Total Dust Air Sai ng: May 15, 2014.	mpling Results	5.
				lixing Coppe e: 3:00 pr	mployee: James er Red, Bluestone n to 4:00 pm (6)	s Fritz, Art Instructo e, Bamboo, Shino, a O minutes). Task las sample longer for a	nd Transparen ted 19 minute	
			Air Contan	minant	Sampling Results (mg/m³)	Time-weighted average for 8- hour day (mg/m³)*	OR-OSHA PEL (mg/m³)	ACGIH TLV (mg/m
		_	Copper		0.011	0.0014	0.1	0.025
		_	Cobalt		0.0022	0.0003	1.0	1.0
		_	Iron oxide		ND <0.070	<0.0088	10	5.0
			Total dust		1.3	0.16	10	NE
		/	<u>(ey:</u> *Assumes no VD < = not detect TLV = Threshold L	ted, below the	rest of day. level of quantitation NE = Not Establis		cubic meter le exposure limit	
			Personal R		rystalline Silica (g Ceramic Glazes Quartz) and Respira mpling: May 15, 201		ampling
				lixing Coppe : 12:55 pr	er Red, Bluestone n to 3:57 pm (1	s Fritz, Art Instructo e, Bamboo, Shino, a 82 minutes). Task la sample longer for a	nd Transparen sted 19 minut	
			Air Contan	minant	Sampling Results (mg/m³)	Time-weighted average for 8- hour day (mg/m³)*	OR-OSHA PEL (mg/m³)	ACGIH TLV (mg/m
			Respirable Cı Silica (Qu	•	0.016	0.006	0.1	0.025
			Respirable Dust		ND <0.11	<0.042	5	NE
		r	<u>(ey:</u> *Assumes no ng/m³ = milligran PEL = permissible	ns per cubic m	eter ND < = i	not detected, below the le t Established	evel of quantitation	on listed

Respirator	Area affected	Employees affected	Hazard
3M 5101 respirator with N95 dust filter	3M 5101 respirator with N95 dust filter	James Fritz	During the sampling period, dry glaze mixing was done in the classroom (outside of regular class time to minimize bystander dust exposure). In general, ceramic dry glazes are 98% powdered clays and silica. Metal oxides and carbonates are 2% or less of glaze formulas. The mixing occurs once per quarter, in an average of 3 mixing sessions, where the creation of airborne dust usually occurs for 5 minutes or less. A 3M 5101 respirator with an N95 dust filter is worn during this process. Visible dust clouds were observed moving across the studio area when the glaze bags were poured out in the pails containing water, potentially exposing others to this dust.
			Respirators are not required, but are recommended for employee use and this process is required to be done outside the pottery studio.
3M 5101 respirator with N95 dust filter.	Eden Pottery Studio (outside on patio)	James Fritz	Abrasive Sandblasting Abrasive sandblasting is done in an enclosed, ventilated glove box; the abrasive product is crystalline-silica free. Respirators are not required, but dust masks or
3M 5101 respirator with N95 dust filter.	Brown Shed behind Art Department	James Fritz	Ceramic Shell Investment Molding Ceramic shell investment molding is done in the brown shed behind the Art Department. In this process, dry fused silica is used in making molds for the bronze casting process. Inside the shed, wax sculptures are dipped in a colloidal silica suspension (wet) and then the dry fused silica sand is applied to the wet surface. The 3m 5101 with N95 filter respirator is worn during the entire process. This occurs during 2 weeks per quarter, over the course of 9 to 18 separate applications, each lasting ½ hour in duration. The fused silica material contains 99% amorphous silica and less than 1% crystalline silica (cristobalite). Amorphous silica is a less hazardous form than crystalline silica. Due to the low potential for exposure to crystalline silica dust in the air, respirators are recommended, but

Respirator	Area affected	Employees affected	Hazard
Half-mask Air- Purifying Respirator	Facilities Workshop	Rob Liggett	Coating Doors Wooden doors are coated a couple times per year using MinWax Polyurethane containing mineral spirits applied using a brush. The shop is ventilated with a portable fan during this task. Each door takes about 15 minutes to complete. No respiratory protection is worn during the task.
			Respirators are not required, but are available for employee use.
Half-mask Air- Purifying Respirator	Facilities Workshop	Rob Liggett	Gluing Backsplashes DAP contact cement is used to attach laminate to particle board, on components such as backsplashes. This is a two coat process using a roller, and is done a couple time per year. The shop is ventilated with a portable fan during this task. Two backsplashes take about 35 minutes to complete.
			Respirators are not required, but are available for employee use.

FORM 3: MEDICAL RELEASE
Information provided to the physician
Employee name:
Date:
Job:
Work location:
Type and weight of respirator:
To be used under the following conditions:
Duration and frequency of use:
Expected physical effort:
Additional protective clothing and equipment:
Environmental temperature and humidity extremes:
Estimated frequency of cartridge/filter replacement:
Medical evaluation: physician release
Is employee medically able to use the respirator? Yes No
Identify any limitations on respirator use:
If a follow-up medical evaluation is required, date:
Employee has been given a copy of this recommendation. Yes No
Signature of physician
or other licensed health-care provider:
Date:

FORM 4: MEDICAL EVALUATION QUESTIONNAIRE FROM 1910.134, APPENDIX C

To the employer: Answers to questions in Section 1, and to question 9 in Section 2 of Part A, do not require a medical examination.

To the employee: Your employer must allow you to answer this questionnaire during normal working hours or at a time and place that is convenient for you. To maintain your confidentiality, your employer or supervisor must not see your answers. Your employer will tell you how to deliver this questionnaire to the health-care professional who will review it.

To obtain this form in Spanish, go to the CD's main page and see "Spanish-language resources,"

To obtain this form in Spanish, go to the CD's main page and see "Spanish language resources.	•
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 (<i>check one</i>): Male Female	
5. Your height: feet inches	
6. Your weight: pounds	
7. Your job title:	
8. A phone number where you can be reached by the health-care professional who re-	views this questionnaire (<i>Include</i>
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 re one.)	eview this questionnaire? (<i>Check</i>
11. Check the type of respirator you will use (you can check more than one category):	
N, R, or P disposable respirator (filter-mask, non-cartridge type only).	
Other type (for example, half- or full-facepiece type, powered air-purifying, supparatus).	olied-air, self-contained breathing
12. Have you worn a respirator? (<i>Check one.</i>)	☐ Yes ☐ No
If yes, what type(s):	
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 (Check
"yes" or "no.")	use any type of respirator. (Check
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?	res no
	☐ Yes ☐ No
a. Seizures (<i>fits</i>): b. Diabetes (<i>sugar disease</i>)	= =
c. Allergic reactions that interfere with your breathing	☐ Yes ☐ No ☐ 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?	res No
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	= =
k. Chest injuries or chest surgeries	☐ Yes ☐ No ☐ Yes ☐ No
I. 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?	☐ 163 ☐ INO
a. Shortness of breath	Yes No
	1 1

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. Do you have to stop for breath when walking at your own	
pace on level ground	☐ Yes ☐ No
e. Do you have shortness of breath when washing or dressing yourself	Yes No
f. Do you have shortness of breath that interferes with your job	Yes No
g. Do you have coughing that produces phlegm (thick sputum)	Yes No
h. Do you have coughing that wakes you early in the morning	
i. Do you have coughing that occurs mostly when you are lying down	∐ Yes ∐ No
j. Have you coughed up blood in the last month	∐ Yes ∐ No
k. Do you wheeze	∐ Yes ∐ No
I. Do you have wheezing that interferes with your job	∐ Yes ∐ No
m. Do you have chest pain when you breathe deeply	☐ Yes ☐ No
n. Do you have 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 take medication for any of the following problems?	□vaa □Na
a. Breathing or lung problems	☐ Yes ☐ No
b. Heart trouble	∐ Yes ∐ No
c. Blood pressure	∐ Yes ∐ No
d. Seizures (fits)	☐ 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, 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
Questions 10 to 15 below must be answered by every employee who has been selected to use eith	
or a self-contained breathing apparatus (SCBA). For employees who have been selected to use other	er types of respirators,
answering these questions is voluntary.	
10. Have you ever lost vision in either eye (temporarily or permanently)	Yes No
11. Do you have any of the following vision problems?	
a. Wear contact lenses	Yes No
b. Wear glasses	Yes No

	c. Color blind	Yes	No
	d. Any other eye or vision problem	Yes	No
12	. Have you ever had an injury to your ears, including a broken ear drum	Yes	☐ No
13	Do you currently have any of the following hearing problems?		
	a. Difficulty hearing	Yes	☐ No
	b. Wear a hearing aid	Yes	☐ No
	c. Any other hearing or ear problem	Yes	☐ No
14		Yes	☐ No
15			
	a. Weakness in your arms, hands, legs, or feet	∐ Yes	∐ No
	b. Back pain	Yes	No No
	c. Difficulty moving your arms and legs	∐ Yes	∐ No
	d. Pain or stiffness when you lean forward or backward at the waist	∐ Yes	∐ No
	e. Difficulty fully moving your head up or down	☐ Yes	∐ No
	f. Difficulty fully moving your head side to side	∐ Yes	∐ No
	g. Difficulty bending at your knees	∐ Yes	∐ No
	h. Difficulty squatting to the ground	∐ Yes	∐ No
	i. Climbing a flight of stairs or a ladder carrying more than 25 pounds	Yes	∐ No
	j. Any other muscle or skeletal problem that interferes		
	with using a respirator	Yes	☐ No
Part B. Se			
	e following questions as well as questions not listed here may be added to the questionna	aire at the	e discretion of the
	re professional who will review the questionnaire.		.1
1.	In your present job, are you working at high altitudes (over 5,000 feet) or in a place that	_	_
	amounts of oxygen?	∐ Yes	∐ No
	If yes, do you have feelings of dizziness, shortness of breath, pounding in your chest, or		
	king under these conditions?	Yes	∐ No
	At work or at home, have you ever been exposed to hazardous solvents,		
	ardous airborne chemicals (e.g., gases, fumes, or dust), or have you	□vos	Пис
COIII	e into skin contact with hazardous chemicals? If yes, name the chemicals, if you know them:	Yes	∐ No
2	Have you ever worked with any of the materials or under any of the conditions listed be	low	
э.	a. Asbestos		□No
	b. Silica (e.g., in sandblasting)	☐ Yes☐ Yes	□ No
	c. Tungsten/cobalt (e.g., grinding or welding this material)	Yes	□ No
	d. Beryllium	Yes	□ No
	e. Aluminum	Yes	□ No
	f. Coal (for example, mining)	Yes	□ No
	g. Iron	Yes	No
	h. Tin	Yes	No
	i. Dusty environments	Yes	No
	j. Any other hazardous exposures	Yes	No
	If yes, describe these exposures:		
4.	List any second jobs or side businesses you have:		
	List your previous occupations:		
	List your current and previous hobbies:		
	Have you been in the military services?	Yes	□No
	If yes, were you exposed to biological or chemical agents		
(eith	ner in training or combat)?	Yes	No
-	Have you ever worked on a HAZMAT team?	Yes	No
	Other than medications for breathing and lung problems, heart trouble, blood pressure,	and seizi	ures mentioned
	ier in this questionnaire, are you taking any other medications for any reason (including		
	r-the-counter medications)?	Yes	No
	If yes, name the medications, if you know them:	•	
10			

LIEDA (III.	
a. HEPA filters	∐ Yes ∐ No
b. Canisters (for example, gas masks)	∐ Yes ∐ No
c. Cartridges	∐ Yes ∐ No
11. How often are you expected to use the respirator(s)? Check yes or no for a	
a. Escape only (no rescue)	∐ Yes ∐ No
b. Emergency rescue only	∐ Yes ∐ No
c. Less than 5 hours per week	∐ Yes ∐ No
d. Less than 2 hours per day	∐ Yes ∐ No
e. 2 to 4 hours per day	☐ Yes ☐ No
f. Over 4 hours per day	Yes No
12. During the period you are using the respirator(s), is your work effort:	
a. Light	Yes No
If yes, how long does this period last during the average shift? hours:	inutes:
Examples of a light work effort are sitting while writing, typing, drafting, or per	forming light assembly work; standing
while operating a drill press (1-3 lbs.) controlling machines.	
b. Moderate	Yes No
If yes, how long does this period last during the average shift? hours:	inutes:
Examples of moderate work effort are sitting while nailing or filing; driving a tr	
while drilling, nailing, performing assembly work, or transferring a moderate load (a	
a level surface about 2 mph or down a 5-degree grade about 3 mph; or pushing a w	,
LOO lbs.) on a level surface.	needan on with a neary load (about
c. Heavy	☐ Yes ☐ No
	nutes:
Examples of heavy work are lifting a heavy load (about 50 lbs.) from the floor t	
oading dock; shoveling; standing while bricklaying or chipping castings; walking up	
climbing stairs with a heavy load (about 50 lbs.).	an o-degree grade about 2 mpn,
13. Will you be wearing protective clothing and/or equipment	□ Vos. □ No
(other than the respirator) when you're using your respirator?	☐ Yes ☐ No
If yes, describe this protective clothing and/or equipment:	
14. Will you be working under hot conditions?	
temperature exceeding 77°F)	∐ Yes ∐ No
15. Will you be working under humid conditions?	☐ Yes ☐ No
16. Describe the work you'll be doing while you're using your respirator(s):	
17. Describe any special or hazardous conditions you might encounter when you	ou're using your respirator(s) (for
example, confined spaces, life-threatening gases):	
18. Provide the following information, if you know it, for each toxic substance	that you'll be exposed to when you're
using your respirator(s):	
 Name of the first toxic substance: 	
 Estimated maximum exposure level per shift: 	
• Duration of exposure per shift:	
Name of the second toxic substance:	
 Estimated maximum exposure level per shift: 	
Duration of exposure per shift:	
Name of the third toxic substance:	
Estimated maximum exposure level per shift:	
Duration of exposure per shift:	
Name of any other toxic substances you'll be exposed to while using your res	spirator:
19. Describe any special responsibilities you'll have while using your respirator	
peing of others (for example, rescue, or security):	(3) that may affect the safety and well
JEINE VI VINELS HULFAUHDIE, LESCHE, DLSECHHIVI.	

FORM 5: FIT TEST RESULTS

Fit test method:

Note: Appendix A, 1910.134, "Fit Testing Procedures," is required for fit testing. Date:
Employee name:
Job:
Department:

Type of respirator	Make/model/size	Fit factor/results

Person performing the fit test:

Problems the employee has encountered with his/her respirators:

FORM 6: PROGRAM EVALUATION SUMMARY

Eval	luator:

Date:

Names of employees consulted during the evaluation:

1		
2.		
3.		
4.		

5._

Problems identified	Corrective action
1.	
2.	
3.	
4.	
5.	
6.	