



OLD DOMINION
UNIVERSITY

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*Occupational Safety & Health ♦ Environmental Health ♦ Laboratory Safety ♦ Industrial
Hygiene ♦ Radiation Safety ♦ Hazardous Waste ♦ Pollution Prevention*

Occupational Health Program

Administered by

Environmental Health and Safety Office

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**Old Dominion University
Occupational Health Program**

This program applies to University employees who are exposed to occupational health hazards in the course of their work and may require occupational health services such as medical exams, blood analyses, and immunizations.

The following Occupational Safety and Health Administration (OSHA) regulations and University procedures in which medical surveillance is required are applicable to the University:

I. Asbestos Standard (29CFR1926.1101)

For employees who are exposed at or above the 8-hour TWA of 0.1 fiber/cm³ and/or excursion limit of 1 fiber/cm³ or for employees who are engaged in Class I, II or III work for a combined total of 30 or more days per year.

Required Medical Surveillance/Frequency:

- Administer the OSHA Medical Questionnaire, per 29CFR1926.1101 Appendix D. (pre-employment and annually)
- Obtain medical and work histories with special emphasis directed to symptoms of the respiratory system, cardiovascular system, and digestive tract. (annually)
- Conduct a physical exam. (annually)
- Perform a chest roentgenogram (posterior-anterior 14x17 inches).

(Chest roentgenograms shall be interpreted and classified by a B-reader, a board eligible/certified radiologist, or an experienced physician with known expertise in pneumoconioses. All interpreters shall have immediately available for reference a complete set of the ILO-U/C International Classification of Radiographs for Pneumoconiosis. Recordation shall be made on an interpretation form following the format of the CDC/NIOSH (M) 2.8 form. The form shall be filed in the employee's chart.)

Frequency of chest roentgenograms			
Years since first exposure	Age of employee		
	15 to 35	35 to 45	45+
0 to 10	Every 5 yrs.	Every 5 yrs.	Every 5 yrs.
10+	Every 5 yrs.	Every 2 yrs.	Every 1 yr.

- Conduct a pulmonary function test ((FVC and FEV₁). (annually)
- Perform any other tests that the examining physician deems by sound medical practice to be necessary. (as recommended)

II. Bloodborne Pathogen Standard (29CFR1910.1030)

For employees identified as being at risk of an occupational exposure to blood or other potentially infectious material.

Required Medical Surveillance/Frequency:

- Administer Hepatitis B vaccines. (upon employment or assignment - vaccination series completed over a 6 month period)
- Administer titers. (within two months of completing vaccination series for employees using needles only - not recommended for other employees)
- Administer boosters. (as recommended)
- Administer post-exposure medical care and prophylaxis in accordance with the most current recommendations of the U.S. Public Health Service. (upon exposure)
- Provide HIV, Hepatitis B Surface Antigen and Hepatitis C Viral testing to source patients. (upon exposure for source patient)

III. Hazardous Waste Operations and Emergency Response Standard (29CFR1910.120)

For Environmental Health and Safety Office employees conducting hazardous waste operations or emergency response operations for releases of hazardous substances.

Required Medical Surveillance/Frequency:

- Provide medical exams to include medical and work history and physical exam with special emphasis on symptoms related to the handling of hazardous substances and health hazards and to fitness for duty including the ability to wear any required personal protective equipment under conditions that may be expected at the work site. (upon employment or assignment, annually, upon termination and upon development of symptoms related to exposure)

IV. Laboratory Standard (29CFR1910.1450)

For all employees working with hazardous chemicals in laboratories.

Required Medical Surveillance/Frequency:

- Provide medical exams to include medical and work history and any other procedures or tests specified in other OSHA standards (if applicable) or deemed necessary by the physician. (upon exposure or in accordance with any other OSHA standard)

V. Lead Standard (29CFR1910.1025)

For employees who are or may be exposed at or above the action level of 30 ug/m³ for more than 30 days per year.

Required Medical Surveillance/Frequency:

- Provide medical exams to include medical and work history with particular attention to past lead exposure and a physical exam with particular attention to the teeth, gums, blood pressure, hematologic system, gastrointestinal system, renal system, cardiovascular system, and reproductive system. (upon employment or assignment)
- Provide blood chemistry profile to include: blood lead, zinc protoporphyrin (ZPP), hemoglobin and hematocrit, red cell indices, peripheral smear morphology, blood urea nitrogen, and serum creatinine.

Frequency of blood lead and ZPP testing	
Last blood lead level	Subsequent testing
< 40 ug/100g	Every 6 months
40-49ug/100g	Every 2 months
≥ 50 ug/100g	Every 1 month

- Perform a routine urinalysis with microscopic examination and any other procedures or tests deemed necessary by the physician. (upon employment or assignment)
- Perform pregnancy testing or laboratory evaluation of male fertility. (upon request from employee)

VI. Hearing Conservation Standard (29CFR1910.95)

For employees exposed to noise at or above the action level of 85 decibels.

Required Medical Surveillance/Frequency:

- Perform audiometric testing. The tests shall be performed by a person qualified per 29CFR1910.95 (g)(3) and the audiograms shall meet the requirements of 29CFR1910.95 (h). (baseline within 6 months of employee's exposure at or above the action level and annually thereafter)

VII. Respirator Standards (29CFR1910.134 & 139)

For employees assigned to wear respirators in the course of their work.

Required Medical Surveillance/Frequency:

- Complete the OSHA Respirator Medical Evaluation Questionnaire. (upon employment or assignment)
- If further medical examinations are deemed necessary, provide medical exams to include any tests, consultations or diagnostic procedures deemed necessary by the physician to make a final

decision on the employee's ability to wear a respirator. (upon recommendation from the reviewing physician)

VIII. Welding, Cutting and Brazing Standards (29CFR subpart Q)

For employees who perform welding as a job function.

Required Medical Surveillance/Frequency:

- Provide medical exams to include medical and work history, blood chemistry profile, physical exam and any other procedures or tests deemed necessary by the physician. (upon employment or assignment and annually thereafter).