OSHA Standards

This section highlights OSHA standards, directives (instruction to OSHA staff), and letters of interpretation (official letters of interpretation of the standards) related to medical screening and surveillance.

General Industry ([29 CFR 1910](https://www.osha.gov/pls/oshaweb/owastand.display_standard_group?p_toc_level=1&p_part_number=1910))

* [1910 Subpart H](https://www.osha.gov/pls/oshaweb/owastand.display_standard_group?p_toc_level=1&p_part_number=1910#1910_Subpart_H), Hazardous materials
  + [1910.120](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9765), Hazardous waste operations and emergency response [[related topic page](https://www.osha.gov/SLTC/hazardouswaste/index.html)]
* [1910 Subpart I](https://www.osha.gov/pls/oshaweb/owastand.display_standard_group?p_toc_level=1&p_part_number=1910#1910_Subpart_I), Personal protective equipment [[related topic page](https://www.osha.gov/SLTC/personalprotectiveequipment/index.html)]
  + [1910.134](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=12716), Respiratory protection [[related topic page](https://www.osha.gov/SLTC/respiratoryprotection/index.html)]
* [1910 Subpart Z](https://www.osha.gov/pls/oshaweb/owastand.display_standard_group?p_toc_level=1&p_part_number=1910#1910_Subpart_Z), Toxic and hazardous substances [ [related topic page](https://www.osha.gov/SLTC/hazardoustoxicsubstances/index.html)]
  + [1910.1001](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9995), Asbestos [[related topic page](https://www.osha.gov/SLTC/asbestos/index.html)]
    - [Appendix H](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10003), Medical surveillance guidelines for asbestos (Non-mandatory)
  + [1910.1003](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10007), 13 Carcinogens (4-nitrobiphenyl, etc.)
  + [1910.1004](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10008), alpha-Naphthylamine
  + [1910.1006](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10010), Methyl chloromethyl ether
  + [1910.1007](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10011), 3,'-Dichlorobenzidine (and its salts)
  + [1910.1008](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10012), bis-Chloromethyl ether
  + [1910.1009](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10013), beta-Naphthylamine
  + [1910.1010](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10014), Benzidine
  + [1910.1011](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10015), 4-Aminodiphenyl
  + [1910.1012](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10016), Ethyleneimine
  + [1910.1013](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10017), beta-Propiolactone
  + [1910.1014](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10018), 2-Acetylaminofluorene
  + [1910.1015](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10019), 4-Dimethylaminoazobenzene
  + [1910.1016](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10020), N-Nitrosodimethylamine
  + [1910.1017](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10021), Vinyl chloride
  + [1910.1018](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10023), Inorganic Arsenic [[related topic page](https://www.osha.gov/SLTC/arsenic/index.html)]
    - [Appendix C](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10026), Medical surveillance guidelines
  + [1910.1025](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10030), Lead [[related topic page](https://www.osha.gov/SLTC/lead/index.html)]
  + [1910.1027](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10035), Cadmium [[related topic page](https://www.osha.gov/SLTC/cadmium/index.html)]
  + [1910.1028](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10042), Benzene [[related topic page](https://www.osha.gov/SLTC/benzene/index.html)]
    - [Appendix C](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10045), Medical surveillance guidelines for benzene
  + [1910.1029](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10048), Coke oven emissions
    - [Appendix B](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10050), Industrial hygiene and medical surveillance guidelines
  + [1910.1030](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10051), Bloodborne pathogens [[related topic page](https://www.osha.gov/SLTC/bloodbornepathogens/index.html)]
  + [1910.1043](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10053), Cotton dust [[related topic page](https://www.osha.gov/SLTC/cottondust/index.html)]
  + [1910.1044](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10061), 1,2-dibromo-3-chloropropane
    - [Appendix C](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10064), Medical surveillance guidelines for DBCP
  + [1910.1045](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10065), Acrylonitrile
    - [Appendix C](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10068), Medical surveillance guidelines for acrylonitrile
  + [1910.1047](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10070), Ethylene oxide [[related topic page](https://www.osha.gov/SLTC/ethyleneoxide/index.html)]
    - [Appendix C](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10073), Medical surveillance guidelines for ethylene oxide (Non-mandatory)
  + [1910.1048](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10075), Formaldehyde [[related topic page](https://www.osha.gov/SLTC/formaldehyde/index.html)]
  + [1910.1050](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10081), Methylenedianiline
    - [Appendix C](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10084), Medical surveillance guidelines for MDA
  + [1910.1052 - Methylene Chloride](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10094)
    - [1910.1052 App B - Medical Surveillance for Methylene Chloride](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10096)
  + [1910.1450](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10106), Occupational exposure to hazardous chemicals in the laboratories

Directives

* *National Emphasis Program - Microwave Popcorn Processing Plants*. DIR 11-01 (CPL 03), (January 18, 2011). Similar to the expired 2007 NEP, CPL 03-00-005, and described policies and procedures for implementing an emphasis program to identify and reduce or eliminate exposures to butter-flavoring chemicals - such as diacetyl and chemical substitutes - used in microwave popcorn manufacturing facilities.
* *National Emphasis Program - Facilities that Manufacture Food Flavorings Containing Diacetyl*. CPL 03-00-011, (October 30, 2009). Describes policies and procedures for implementing an emphasis program to identify and reduce or eliminate hazards associated with exposures to flavoring chemicals in any facility that manufactures food flavorings containing diacetyl. This instruction is available on the public page.
* *National Emphasis Program - Microwave Popcorn Processing Plants*. CPL 03-00-005, (July 27, 2007) (Expired as of July 27, 2008). Described policies and procedures for implementing an emphasis program to identify and reduce or eliminate exposure to butter-flavoring chemicals - such as diacetyl - used in microwave popcorn manufacturing facilities.
* [OSHA Medical Surveillance Regulations - Genetic Testing](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=DIRECTIVES&p_id=1765). STD 01-23-004 [STD 1-23.4], (August 22, 1980). Provides an interpretation of OSHA health standards that require medical surveillance programs specifying a medical history with family and occupational background, including genetic and environmental factors.

Letters of Interpretation

* [HAZWOPER medical examinations must be offered at a reasonable time and without cost to the employee](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=24456). (September 25, 2002).
* [Respiratory protection, medical surveillance, and training requirements under HAZWOPER](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=24461). (September 24, 2002).
* [Access to employee exposure and medical records](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=22489). (October 29, 1997).
* [OSHA policy regarding medical surveillance requirements](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=19572). (August 6, 1987).
* [Medical surveillance is not required for terminated employees](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=19183). (February 29, 1984).