

**MEDICAL SURVEILLANCE PROGRAM
CRITERIA FOR ENTRY TO MEDICAL SURVEILLANCE**

MEDICAL SURVEILLANCE PROGRAM	CRITERIA FOR ENTRY TO MEDICAL SURVEILLANCE
2-Acetylaminofluorene (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where 2-acetylaminofluorene is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where 2-acetylaminofluorene is manufactured, used, processed, repackaged, released, handled or stored</p>
Acrylonitrile	Any employee who is or will be exposed to acrylonitrile at or above the action level (1ppm 8-hour TWA) without regard to the use of respirators
Alpha-naphthylamine (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where Alpha-naphthylamine is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where Alpha-naphthylaminene is manufactured, used, processed, repackaged, released, handled or stored</p>
4-Aminodiphenyl (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where 4-aminodiphenyl is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where 4-aminodiphenyl is manufactured, used, processed, repackaged, released, handled or stored</p>
Asbestos	<p>Any of the following employees:</p> <p>Those General Industry Workers, exposed at or above the permissible exposure limit (PEL) of 0.1 f/cc as an eight-hour time-weighted average (TWA) or above the excursion limit (EL) of 1 f/cc averaged over 30 minutes <u>regardless of the number of days of exposure</u>.</p> <p>Those Construction Workers who perform Class I, II, or III work for a combined total of 30 or more days per year, <u>regardless of fiber levels</u>.</p> <p>Those Construction Workers exposed at or above the permissible exposure limit (PEL) of 0.1 f/cc as an eight (8) hour time weighted average (TWA),</p> <p style="text-align: center;">OR</p> <p>Above the EL of 1f/cc averaged over 30 minutes for a combined total of 30 or more days per year.</p> <p>Those Construction Workers required to wear negative pressure respirators while performing asbestos related work <u>regardless of the number of days respirators are worn</u> (respirators must be provided and worn when employees may be exposed at or above the PEL or EL for all classes of work).</p> <p>NOTE:</p> <p>CLASS I: Asbestos work defined as activities involving removal of asbestos-containing</p> <p>CLASS II: Asbestos work defined as activities involving removal of asbestos-containing</p> <p>CLASS III: Asbestos work defined as repair and maintenance operations in which asbestos-containing materials (including thermal system insulation and surfacing materials) are likely to be disturbed.</p>

MEDICAL SURVEILLANCE PROGRAM	CRITERIA FOR ENTRY TO MEDICAL SURVEILLANCE
Benzene	<p>Employees who:</p> <ul style="list-style-type: none"> - Are or may be exposed to benzene at or above the action level (0.5 ppm 8-hour TWA) 30 or more days per year - Are or may be exposed to benzene at or above the permissible exposure limit (PEL) (1 ppm 8-hour TWA) 10 or more days per year - Use solvents containing greater than 0.1% benzene
Benzidine (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where Benzidine is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where Benzidine is manufactured, used, processed, repackaged, released, handled or stored</p>
BIS-Chloromethyl Ether (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where BIS-Chloromethyl Ether is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where BIS-Chloromethyl Ether is manufactured, used, processed, repackaged, released, handled or stored</p>
Beryllium	Any employee at risk of developing chronic beryllium disease from exposure to airborne beryllium
Biohazard	Any employee who has routine occupational exposure to human blood or other potentially infectious materials
Beta-Naphthylamine (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where Beta-Naphthylamine is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where Beta-Naphthylamine is manufactured, used, processed, repackaged, released, handled or stored</p>
Beta-Propiolactone (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where Beta-Propiolactone is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where Beta-Propiolactone is manufactured, used, processed, repackaged, released, handled or stored</p>
1,3 Butadiene	Any employee with exposure to 1,3 Butadiene at concentrations at or above the action level (0.5 ppm 8-hour TWA) on 30 or more days per year or at or above the permissible exposure limit (PEL) (1 ppm 8-hour TWA) on 10 or more days per year
Cadmium	Any employee who is exposed or might be exposed above the action level (2.5 $\mu\text{g}/\text{m}^3$ 8-hour TWA) for 30 or more days per year
Cholinesterase Inhibitor	Any employee who is or will be exposed to Cholinesterase Inhibitors (pesticides, chemical warfare nerve agents)
Crystalline Silica	Any employee exposed to a respirable free Crystalline Silica with a particle size of 0.5 to 5.0 micron at a level above the permissible exposure limit (PEL) (100 $\mu\text{g}/\text{m}^3$ 8-hour TWA) for 30 or more days per year
1,2 Dibromo-3-Chloropropane (DBCP)	Any employee who works in a regulated area, i.e., an area where DBCP concentrations may be in excess of the permissible exposure limit (PEL) (1 ppb 8-hour TWA)
3,3 ¹ – Dichlorobenzidine (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where 3,3¹ – Dichlorobenzidine is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where 3,3¹ – Dichlorobenzidine is manufactured, used, processed, repackaged, released, handled or stored</p>

MEDICAL SURVEILLANCE PROGRAM	CRITERIA FOR ENTRY TO MEDICAL SURVEILLANCE
4-Dimethylaminoazo-Benzene (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where 4-Dimethylaminoazo-Benzene is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where 4-Dimethylaminoazo-Benzene is manufactured, used, processed, repackaged, released, handled or stored</p>
Ethyleneimine (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where Ethyleneimine is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where Ethyleneimine is manufactured, used, processed, repackaged, released, handled or stored</p>
Ethylene Oxide	Any employee who is or may be exposed to Ethylene Oxide at or above the action level (0.5 ppm 8-hour TWA) without regard to the use of respirators for 30 or more days per year
Formaldehyde	Any employee exposed to formaldehyde at concentrations at or exceeding the action level (0.5 ppm 8-hour TWA) or short term exposure limit (2 ppm as a 15-minute STEL)
Hazardous Waste Worker HAZWOPER)	<p>All employees who are or may be exposed to hazardous substances or health hazards at or above the permissible exposure limit (PEL)s or if there is no permissible exposure limit (PEL), above the published exposure levels, for these substances, without regard to the use of respirators for 30 days or more per year.</p> <p>All employees who wear a respirator for 30 days or more per year or as required by 29 CFR 1910.134</p> <p>All employees who are injured, become ill or develop signs or symptoms due to possible overexposure involving hazardous substances or health hazards from an emergency response or hazardous waste operation</p> <p>Members of HAZMAT teams.</p>
Hearing Conservation	Any employee exposed to a noise level at or above 82 dB 8-hour TWA
Hydroxyl Ammonium Nitrate	Any employee who has repeated contact with XM46 liquid propellant
Inorganic Arsenic	Any employee who is or will be exposed above the action level (5 ug/m ³ 8-hour TWA) without regard to the use of respirators, at least 30 days per year
Laser	Any employee who works with Class 3B or 4 lasers
Lead	<p>Any general industry employee who is or may be exposed to lead above the action level (30 ug/m³ 8-hour TWA)</p> <p>OR</p> <p>Any construction employee who is or may be exposed to lead at or above the action level (30 ug/m³ 8-hour TWA) for more than 30 days in any consecutive 12 months</p> <p>EXCEPTION</p> <p>Any construction employee exposed on any day to lead at or above the action level (30 ug/m³ 8-hour TWA) requires <u>initial</u> medical surveillance</p>
Methyl Chloromethyl Ether (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where Methyl Chloromethyl Ether is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where Methyl Chloromethyl Ether is manufactured, used, processed, repackaged, released, handled or stored</p>

MEDICAL SURVEILLANCE PROGRAM	CRITERIA FOR ENTRY TO MEDICAL SURVEILLANCE
Methylene Chloride	<p>Any employee exposed to methylene chloride at or above the action level (12.5 ppm 8-hour TWA) on 30 or more days per year</p> <p style="text-align: center;">OR</p> <p>Above the permissible exposure limit (25 ppm 8-hour TWA) on 10 or more days per year</p> <p style="text-align: center;">OR</p> <p>Above the short term exposure limit (125 ppm as a 15-minute STEL) on 10 or more days per year</p> <p style="text-align: center;">OR</p> <p>Above the permissible exposure limit (PEL) or short term exposure limit for any time period when an employee has been identified as being at risk from cardiac disease or some other serious methylene chloride-related health condition and the employee requests inclusion in the medical surveillance program</p>
4-Nitrobiphenyl (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where 4-Nitrobiphenyl is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where 4-Nitrobiphenyl is manufactured, used, processed, repackaged, released, handled or stored</p>
N-Nitrosodimethylamine (carcinogen)	<p>Any employee considered for assignment to enter regulated areas where N- Nitrosodimethylamine is manufactured, used, processed, repackaged, released, handled or stored</p> <p>Any authorized employee, i.e., an employee whose assigned duties require her/him to be in regulated areas where N-Nitrosodimethylamine is manufactured, used, processed, repackaged, released, handled or stored</p>
Thallium	Any employee exposed to thallium at or above the action level (0.5 $\mu\text{g}/\text{m}^3$ 8-hour TWA)
Vinyl Chloride	Any employee who is or will be exposed to vinyl chloride above the action level (0.5 ppm 8-hour TWA) without regard to the use of respirators.