

# STANFORD UNIVERSITY EH&S – OCCUPATIONAL HEALTH SURVEILLANCE MATRIX

Workplace Exposure or Activity*	Example Personnel	Medical Protocols†	Frequency of Screening/Testing*
<b>Research animal handling</b> Direct work with vertebrate animals, unfixed animal tissues or body fluids, or those who work in animal housing areas. For more information, refer to the <a href="#">LAOHP website</a> .	Research animal users, veterinary care staff	Laboratory Animal Occupational Health Program Questionnaire [8 CCR 5193, 29 CFR 1910.1030]	<ul style="list-style-type: none"> <li>Initial LAOHP Questionnaire</li> <li>Further testing determined by physician</li> </ul>
<b>Respirator use</b> For the use of respirators, except for voluntary (non-required) use of N95s or dust masks. For more information, refer to the <a href="#">Respirator Protection Program FAQs</a> .	Research staff, hazardous waste technicians, pesticide technicians	Respirator Medical Clearance [8 CCR 5144]	<ul style="list-style-type: none"> <li>Initial respirator medical evaluation questionnaire, medical evaluation as needed.</li> <li>Annual submission of respirator use questionnaire</li> </ul>
<b>High noise exposure</b> Exposure to sound levels that exceed an 8-hour time weighted average of 85 dBA. For more information, refer to the <a href="#">Hearing Conservation Program FAQs</a> .	Equipment operators, groundskeepers	Audiometric Testing [8 CCR 5095-5100]	<ul style="list-style-type: none"> <li>Initial baseline exam</li> <li>Annual exam</li> </ul>
<b>Laser use (class 3b or 4)</b> Direct work with class 3b or 4 lasers. For more information, refer to the <a href="#">Laser Safety Program Manual</a> .	Research staff	Laser Eye Exam	<ul style="list-style-type: none"> <li>Initial baseline exam</li> <li>Testing performed following any exposure incident</li> </ul>
<b>Bloodborne pathogens exposure</b> Exposure to blood, blood products, or other potential infectious materials.	Clinical and laboratory staff, plumbers, public safety officers	Hepatitis B Vaccination offered, Medical Evaluation (as needed) [8 CCR 5193, 29 CFR 1910.1030]	<ul style="list-style-type: none"> <li>Initial Hepatitis B vaccination offered</li> <li>Testing performed following any exposure incident</li> <li>Immunization as appropriate</li> </ul>
<b>Cal/OSHA-regulated carcinogens use</b> Exposure to <a href="#">Cal/OSHA-regulated carcinogens</a> at established action levels. Contact EH&S (723-0448) for assistance in assessing exposure.	Research laboratory staff	Medical Evaluation (as needed) [8 CCR 5191, 8 CCR 5200-5220]	<ul style="list-style-type: none"> <li>Substance-specific, contact EH&amp;S</li> </ul>
<b>Pesticide use</b> Regular handling (more than 6 day in any 30-day period) of an organophosphate or N-methyl carbamate pesticide with the signal word "DANGER" (toxicity category 1) or "WARNING" (toxicity category 2) on the label (refer to <a href="http://www.cdpr.ca.gov/docs/whs/pdf/hs8.pdf">http://www.cdpr.ca.gov/docs/whs/pdf/hs8.pdf</a> for more information).	Pesticide technicians	Red Blood Cell and Plasma Cholinesterase Determinations [8 CCR 3450, 3 CCR 6728]	<ul style="list-style-type: none"> <li>Initial baseline screening followed by testing every 30 days for 3 months. After this period, testing every 60 days or as recommended by a physician.</li> </ul>
<b>Driving Commercial Vehicles</b> Refer to <a href="http://www.dmv.ca.gov/pubs/com1hdbk/com1hdbk.pdf">http://www.dmv.ca.gov/pubs/com1hdbk/com1hdbk.pdf</a> for commercial motor vehicle characteristics and license information.	Emergency response/chemical waste/radiological waste technicians	DOT- specific Health Screening [49 CFR 391.41]	<ul style="list-style-type: none"> <li>Every two years</li> </ul>
<b>Hazardous waste emergency response</b> Clean-up, removal, treatment, storage, and/or disposal of regulated hazardous substances.	Hazardous waste technicians	Medical Examination [8 CCR 5192]	<ul style="list-style-type: none"> <li>Annual</li> </ul>

\* Contact your supervisor for questions regarding possible workplace medical surveillance. EH&S (723-0448) can assist in assessing workplace exposures.

† For more information, contact the Stanford University Occupational Health Center (725-5308).