

Occupational Health Program – Occupational Risk Assessment

Workplace Exposure or Activity	Example Personnel	Medical Protocols	Frequency of Screening/Testing
<p>Respirator use</p> <p>For respirators, except for voluntary (non-required) use of N95s or dust masks. For more information, refer to the https://www.depts.ttu.edu/opmanual/OP60.05.pdf</p>	<p>Research staff, hazardous waste technicians, pesticide technicians, physical plant</p>	<p>Respirator Medical Clearance OSHA 1910.134(e) (5)</p>	<ul style="list-style-type: none"> • Initial respirator medical evaluation questionnaire, medical evaluation as needed. • Annual submission of respirator use questionnaire
<p>High noise exposure</p> <p>Exposure to sound levels that exceed an 8-hour time-weighted average of 85 dBA. For more information, refer to the https://www.depts.ttu.edu/opmanual/OP60.09.pdf</p>	<p>Equipment operators, groundskeepers</p>	<p>OSHA 29 CFR 1910.95(g)(1)</p>	<ul style="list-style-type: none"> • Initial baseline exam • Annual exam
<p>Blood-borne pathogens exposure</p> <p>Exposure to blood, blood products, or other potentially infectious materials. https://www.depts.ttu.edu/opmanual/OP60.24.pdf</p>	<p>Clinical and Laboratory staff, plumbers, public safety officers, custodians</p>	<p>OSHA 29 CFR 1910.1030 Hepatitis B Vaccination offered, Medical Evaluation (as needed)</p>	<ul style="list-style-type: none"> • Initial Hepatitis B vaccination offered Medical Evaluation (as needed) • Testing performed following any exposure incident • Immunization as appropriate • Annual BBP training

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<p>Pesticide use</p> <p>Texas State pesticide user occupational health surveillance – Regularly handling an organophosphate or N-methyl carbamate pesticide with the signal word “Danger” or “Warning” on the label.</p> <p>https://www.epa.gov/pesticide-worker-safety</p>	<p>Pesticide technicians, ground applicators, maintenance workers, swimming pool cleaners</p>	<p>Red blood cell and Plasma Cholinesterase determinations</p>	<ul style="list-style-type: none"> • Initial baseline screening followed by testing every 30 days for 3 months. After this period testing every 60 days or as recommended by physician.
<p>Hazardous chemicals use</p> <p>Exposure to hazardous chemicals at established action levels.</p> <p>Contact EH&S (742-3876) for assistance in assessing exposure</p>	<p>Research laboratory staff. Regulated hazardous chemicals use</p> <p>Exposure to regulated hazardous chemicals at established action levels. Contact (EH&S 742-3876) for assistance in assessing exposure</p>	<p>Medical Evaluation (as needed).</p>	<ul style="list-style-type: none"> • Initial baseline exam • Testing performed following any exposure incident

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Driving Commercial Vehicles Refer to https://www.dps.texas.gov/section/driver-license/commercial-driver-license-cdl-medical-certification-requirement for commercial motor vehicle characteristics and license information	Employees using CDL, Emergency response/chemical waste/radiological waste technicians	DOT-specific Health Screening [49 CFR 391.41]	• Every two years
Hazardous waste emergency response HAZWOPER Clean-up, removal, treatment, storage, and/or disposal of regulated hazardous substances. https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9765	Hazardous waste technicians/spill response team	Medical Examination 29 CFR 1910.120	• Annual
Asbestos workers https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1001AppD	Physical plant, Asbestos Building inspectors, technicians and consultants	29 CFR 1910.1001 Appendix D, Part 1	• Annual
Animal Workers http://www.depts.ttu.edu/iacuc/Zoonoses_Guidelines.php	Research personnel and Animal Care Services staff.	Medical Evaluation (as needed)	• Annual