

Occupational Health Program – Occupational Risk Assessment

| Workplace Exposure or Activity | Example Personnel | Medical Protocols | Frequency of Screening/Testing |
|---|---|--|---|
| <p>Respirator use For the use of 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 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 Exposure to blood, blood products, or other potential 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 Texas State pesticide user occupational health surveillance – Regular handling of an organophosphate or N-methyl carbamate pesticide with the signal word “Danger” or “Warning” on the label. http://www.epa.gov/pesticides/health/worker.htm</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>Laser use (Class 3b or 4) Direct work with class 3b or 4 lasers. For more information, refer to the http://www.dept.ehs.ttu.edu/ehs/ehshome/radiationLasersafety/laser</p> | <p>Research staff</p> | <p>Laser Eye Exam</p> | <ul style="list-style-type: none"> • Initial baseline exam • Testing performed following any exposure incident |
| <p>Hazardous chemicals use Exposure to hazardous chemicals at established action levels. Contact EH&S (742-3876) for assistance in assessing exposure</p> | <p>Research laboratory staff. Regulated hazardous chemicals use 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.txdps.state.tx.us/internetforms/Forms/DL-7C.pdf for commercial motor vehicle characteristic 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/Publications/osha3095.html | Physical plant, Asbestos Building inspectors, technicians and consultants | 29 CFR 1910.100l 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 |