

Job Hazard Analysis



University of Washington – Seattle Campus  
Facilities Services – Campus Energy, Utilities & Operations  
Seattle, WA 98195

Working Job Title: Shop 20 (FOMS) Supervisor

JHA Completed by Anne Donegan - CEUO Safety Engineer

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The Job Hazard Analysis form is designed to help supervisors assess and address health and safety hazards that have the potential to cause serious injury or illness (e.g. power tools, electrical repairs). Supervisors can use this document to train staff on safe work procedures.

The information below is a good faith effort to identify hazards encountered by Shop 20 Manager.

The baseline training requirements for this position are:

- Driver Safety and Awareness Online
  - Fire Extinguisher Hands On
  - First aid & CPR
  - Hepatitis B Vaccination (must be offered)
  - Monthly shop safety meetings on PPE, shop safety standard operating procedures and SDS
- Ergonomic Online training (optional)
  - Fire Extinguisher Online
  - HazCom/GHS
  - Bloodborne Pathogens for Non-Lab Online
  - Covid-19 Safety Training: Back to the Workplace

This document will serve as the certification of hazard assessment for personal protective equipment for the above working job title position.

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p><b>Supervisors –</b> Oversee work of the campus FOMS.</p> <p>See FOMS JHA for specific tasks.</p> <p>Note: This covers potential hazards the supervisor may encounter during a site visit and/or potential hazards the employee may be exposed to, which the supervisor must be knowledgeable of.</p>	<ul style="list-style-type: none"><li>• Airborne contaminants (such as occupant concerns, odors, mold, vapor, fume, animal dandruff, COVID-19, refrigerant leak, wildfire smoke)</li><li>• Biological hazards (such as sanitary sewer leaks, blood, needles, vials)</li><li>• Construction Activities</li><li>• Confined spaces (such as crawl space, ceiling plenums)</li><li>• Electrically energized equipment</li><li>• Electrical Arc Flash – reset breakers</li><li>• Ergonomic problems such as lifting, repetitive motion, awkward posture</li><li>• Fall hazard</li><li>• Hazardous chemicals (such as chemicals in lab, lubricants)</li><li>• Hazardous energy (mechanical, heat, pressure (gas or liquid lines))</li><li>• Heat stress – indoors</li><li>• Insufficient lighting</li><li>• Noise</li><li>• Outdoor heat exposure</li><li>• Pedestrian traffic</li><li>• Power/Hand tools</li><li>• Regulated materials such as asbestos, lead, silica</li><li>• Slip/trip/fall</li><li>• Vehicle traffic</li><li>• Vermin feces (such as bird or rodent)</li><li>• UW light (radiant energy – radio frequency)</li><li>• Wildfire Smoke</li><li>• Work off/use of ladders</li></ul>	<ul style="list-style-type: none"><li>• Avoid energized electrical work when possible</li><li>• Barricades/signs/spotter (if applicable)</li><li>• Building system shutdown</li><li>• Check-in with the department / construction contact person / RAs / UWPD prior to work</li><li>• Energized electrical work permit &amp; work plan (if applicable)</li><li>• Ensure work area is clear from spills and trip hazards</li><li>• Fall protection work plan (if applicable)</li><li>• Follow EH&amp;S Electrical Circuit Breaker Reset Procedure</li><li>• If hot, drink water and take necessary rest breaks</li><li>• Lockout procedure, LOTO locks &amp; tags</li><li>• Location of exits</li><li>• Location of fire extinguisher</li><li>• Location of first aid kit</li><li>• Outdoor Heat Exposure Plan</li><li>• Pest Contractor – as needed</li><li>• Refrigerant leak SOP (if applicable)</li><li>• Safety Data Sheets (SDS) for chemical and products</li><li>• Shop safety standard operating procedures</li><li>• This job position does not typically perform work on regulated building materials</li><li>• Understand and implement industry safety standards for operating power/hand tools</li><li>• Understand and implement safe practices for lifting tools for items exceeding 50 pounds, or is an awkward shape</li><li>• Understand and implement Hot Work Permit (ie soldering) if applicable</li><li>• Use temporary lighting (such as flashlights, head lamps)</li><li>• UWF COVID-Prevention Plan</li><li>• Water treatment plan</li><li>• Wildfire Smoke Response Plan</li></ul>	<p><b>Task Specific Training</b></p> <ul style="list-style-type: none"><li>• Arc Flash and Electrical Safety Best Practices (NFPA 70E) Online</li><li>• Asbestos Awareness</li><li>• Back protection &amp; Lifting Safety Online</li><li>• Biosafety: Working in Non-Human Primate Areas</li><li>• Confined Space Awareness Online</li><li>• Department specific training</li><li>• Elevator Extraction (in shop)</li><li>• Fall Protection</li><li>• Hearing Protection/Conservation Online</li><li>• Ladder Safety Hands On</li><li>• Ladder Safety Online</li><li>• Lead Awareness Online</li><li>• Lockout/Tagout Safety</li><li>• Lockout/Tagout for Supervisors</li><li>• Low Voltage Electrical Safety (NFPA 70E)</li><li>• Outdoor Heat Exposure Online</li><li>• Radio Frequency Radiation Safety Awareness</li><li>• Refrigerant Monitoring</li><li>• Respirator training &amp; Fit Test</li><li>• UWF Emergency Work in HFS COVID-19 locations</li><li>• Wildfire Smoke Online</li></ul> <p><b>PPE (required unless noted as needed)</b></p> <ul style="list-style-type: none"><li>• Animal Areas: head cover, shoe covers, gloves, coveralls, face shield</li><li>• Construction – hard hat, impact glasses/goggles, safety vest, gloves, substantial footwear</li><li>• Clothing – long sleeved shirt and pants of untreated or natural fiber</li><li>• Electrically rated tools</li><li>• Face shield – as needed</li><li>• Gloves</li><li>• Head light / Flashlight / temporary lighting – as needed</li><li>• Hearing protection - as needed</li><li>• Impact glasses/goggles – as needed</li><li>• Respirator</li><li>• Safety vest</li><li>• Substantial footwear</li><li>• Tyvek / Shop coveralls</li><li>• Any other PPE as specified by the department / lab entry sign</li></ul>