

Job Hazard Analysis



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

Working Job Title: Shop 24 - Fire Systems Specialist

JHA Completed by Brent Almond – Shop 24 Manager

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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 a Fire Systems Specialist. If a specific job task is not listed below, contact your supervisor to determine if a specific job hazard analysis or work plan is required.

The baseline training requirements for this position are:

- Confined Space Awareness Online
- 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
- Covid-19 Safety Training: Back to the Workplace
- Ergonomic Online training (optional)
- Fire Extinguisher Online
- HazCom/GHS
- Bloodborne Pathogens for Non-Lab Online

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
Driving vehicles	<ul style="list-style-type: none"> • Bodily injury 	<ul style="list-style-type: none"> • Daily pre-trip vehicle inspection • Follow all traffic rules • Maintain current driver’s license • Report problems with state vehicles 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Driver Safety and Awareness • Seatbelt use policy <p>PPE</p> <ul style="list-style-type: none"> • Seatbelt
Computer Work	<ul style="list-style-type: none"> • Eye strain • Ergonomic problems such as carpal tunnel and back problems 	<ul style="list-style-type: none"> • Adequate lighting • Request on Ergonomic evaluation from EH&S • Review ergonomic info on EH&S website • Take frequent breaks/stretch/move 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Ergonomic Online training (optional) <p>PPE</p> <ul style="list-style-type: none"> • None
Cell phone usage	<ul style="list-style-type: none"> • Inattention leading to bodily injury 	<ul style="list-style-type: none"> • Be aware of your surroundings • Don’t drive and talk unless utilizing a ‘hands-free’ device 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Driver Safety and Awareness <p>PPE</p> <ul style="list-style-type: none"> • None

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p>Conduct site visits and/or attend meetings in construction areas.</p>	<ul style="list-style-type: none"> • Airborne contaminants (such as odors, mold, vapor, fume, animal dandruff, refrigerant leak, wildfire smoke) • Biological hazards (such as sanitary sewer leaks, cooling tower –legionella, blood, needles, vials) • Construction Activities • Confined spaces (such as crawl space, ceiling plenums, cooling towers) • Electrically energized equipment • Fall hazard • Heat stress – indoors • Insufficient lighting • Noise • Overhead equipment/hazards • Pedestrian traffic • Regulated materials such as asbestos, lead, silica • Slip/trip/fall • Vermin feces (such as bird or rodent) • UV light (radiant energy – radio frequency) • Wildfire Smoke • Work off/use of ladders 	<ul style="list-style-type: none"> • Avoid energized electrical work when possible • Barricades/signs/spotter (if applicable) • Building system shutdown • Check-in with the department / construction contact person prior to work • Confined space permit (if applicable) • Ensure work area is clear from spills and trip hazards • Fall protection work plan (if applicable) • If hot, drink water and take necessary rest breaks • Location of exits • Location of fire extinguisher • Location of first aid kit • Pest Contractor – as needed • Refrigerant leak SOP (if applicable) • Shop safety standard operating procedures • This job position does not typically perform work on regulated building materials • Use temporary lighting (such as flashlights, head lamps) • UWF COVID-Prevention Plan • Wildfire Smoke Response Plan 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Arc Flash and Electrical Safety Best Practices (NFPA 70E) Online • Asbestos Awareness • Audiometric Hearing Test • Biosafety: Working in Non-Human Primate Areas • Confined Space Awareness Online • Department specific training • Fall Protection • Hearing Protection/Conservation Online • Ladder Safety Hands On • Ladder Safety Online • Lead Awareness Online • Radio Frequency Radiation Safety Awareness • Refrigerant Monitoring • Wildfire Smoke training Online <p>PPE (as required unless noted as needed)</p> <ul style="list-style-type: none"> • Animal Areas: head cover, shoe covers, gloves, coveralls, face shield • Bump cap -as needed • Construction – hard hat, impact glasses/goggles, safety vest, gloves, substantial footwear • Dust mask -as needed • Head light / Flashlight / temporary lighting • Hearing protection - as needed • Personal fall restraint/arrest equipment • Substantial footwear • Any other PPE as specified by the department / construction site / lab entry sign/ site specific work plan