**Job Hazard Analysis**

University of Washington – Seattle Campus

UW Facilities - \_\_\_\_insert department/unit here\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1410 NE Campus Parkway

Seattle, WA 98195

Working Job Title: \_\_\_\_\_\_\_\_\_\_\_insert job title\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

JHA Completed by \_\_\_\_\_\_\_\_\_\_\_provide signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (insert name, title)

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 \_\_insert job title\_\_\_. 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:

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

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

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| --- | --- | --- | --- |
| **Job Tasks** | **Potential Hazard** | **Controls & Recommended Actions** | **Training and** **Personal Protective Equipment** |
| Driving vehicles | * Bodily injury
 | * Maintain current driver’s license
* Follow all traffic rules
* Report on problems with state vehicles
* Daily pre-trip vehicle inspection
 | **Task Specific Training*** Driver Safety and Awareness
* Seatbelt use policy
* Monthly shop safety meetings on PPE

**PPE*** Seatbelt
 |
| Computer work | * Ergonomic problems: carpal tunnel and back problems
* Eye strain
 | * Adequate lighting
* Take frequent breaks/stretch/move
* Review ergonomic info on EH&S website
* Request on Ergonomic evaluation from EH&S
 | **Task Specific Training** * Ergonomic online training (optional)

**PPE*** None
 |
| General use of hand and power tools such as multi-meters, screwdrivers, wrenches, wire strippers | * Bodily injury
 | * Follow industry safety standards for operating power/hand tools
* Location of first aid kit
* Location of fire extinguisher
* Location of exits
 | **Task Specific Training** * Monthly shop safety meetings on PPE

**PPE*** Hearing protection –as needed
* Substantial footwear
* Impact glasses -as needed
* Gloves -as needed
 |
| Maintain inventory supplies | * Ergonomic problems: carpal tunnel and back problems
* Work at elevated heights
 | * Get help or use lifting tools for items exceeding 50 pounds or is an awkward shape
* Request on Ergonomic evaluation from EH&S
* Take frequent breaks/stretch/move
* Use ergonomic keyboard
 | **Task Specific Training*** Back protection
* Ladder safety

**PPE*** None
 |
| Cell phone usage | * Inattention leading to bodily injury
 | * Be aware of your surroundings
* Don’t drive and talk unless utilizing a ‘hands-free’ device
 | **Task Specific Training*** Driver Safety and Awareness

**PPE*** None
 |

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| --- | --- | --- | --- |
| **Job Tasks** | **Potential Hazard** | **Controls & Recommended Actions** | **Training and****Personal Protective Equipment** |
|  | * Airborne contaminants (such as occupant concerns, odors, mold, vapor, fume, animal dandruff, refrigerant leak)
* Biological hazards (such as sanitary sewer leaks, cooling tower –legionella, blood, needles, vials)
* Construction Activities
* Construction Oversight
* Compressed gasses (such as solder gun fuel, welding gasses, hot work)
* Confined spaces (such as crawl space, ceiling plenums, cooling towers)
* Electrically energized equipment
* Ergonomic problems such as lifting, repetitive motion, awkward posture
* Fall hazard
* Hazardous chemicals (such as chemicals in hydronic systems, solvents, degreasers)
* Hazardous energy (electrical, mechanical, heat, pressure (gas or liquid lines))
* Heat stress - indoors
* Insufficient lighting
* Material Handling (ie, forklift, hoisting/rigging)
* Noise
* Outdoor heat exposure
* Overhead equipment/hazards
* Pedestrian traffic
* Power/Hand tools
* Regulated materials such as asbestos, lead, silica
* Slip/trip/fall
* Scaffolding
* Vehicle traffic
* Vermin feces (such as bird or rodent)
* UW light (radiant energy- radio frequency)
* Wildfire Smoke
* Work off ladders

  | * Asbestos work practices (if applicable)
* Avoid energized electrical work when possible
* Barricades/signs/spotter (if applicable)
* Building system shutdown
* Check-in with the department / construction contact person / control room prior to work
* Cooling tower work practice (if applicable)
* Electrically rated tools
* Energized electrical work permit & work plan (if applicable)
* Ensure work area is clear from spills and trip hazards
* Eye wash and deluge shower station
* Fall protection work plan (if applicable)
* 4-gas monitor (ie Bacharach)
* Get help or use lifting tools for items exceeding 50 pounds, or is an awkward shape
* Hot Work Permit (ie soldering) if applicable
* If hot, drink water and take necessary rest breaks
* Lead work plan (if applicable)
* Lift (MEWP: scissor, boom, bucket)
* Lockout procedure, LOTO locks & tags
* Location of exits
* Location of fire extinguisher
* Location of first aid kit
* Outdoor Heat Exposure Plan
* Pest Contractor – as needed
* Permit Required Confined Space (if applicable)
* Refrigerant leak SOP (if applicable)
* Review contractor site specific safety plan
* Safety Data Sheets (SDS) for chemical and products
* Shop safety standard operating procedures
* This job position does not typically perform work on regulated building materials
* Tool tethering and toe boards
* Understand and implement industry safety standards for operating power/hand tools
* Understand and implement regulatory practices / standards for operating a forklift
* Understand and implement regulatory practices / standards for operating a hoist
* Understand and implement the Utility Tunnel Access Program
* Use temporary lighting (such as flashlights, head lamps)
* Ventilation (smoke eater, shop fume hood, fan)
* Water treatment plan
* Welding screens
* Wildfire Smoke Response Plan
 | **Task Specific Training*** Arc Flash and Electrical Safety Best Practices (NFPA 70E) Online
* Asbestos <1% & Lead Work Practices
* Asbestos Abatement Class2: Wiring
* Audiometric Hearing Test
* Back protection & Lifting Safety Online
* Biosafety: Working in Non-Human Primate Areas
* Compressed Gas Safety Online
* Confined Space Awareness Online
* Confined Space Entry /Hands On
* Crystalline Silica Safety Online
* Department specific training
* Electrical Safety in the Workplace
* Electrical Safety Low Voltage Qualified
* Fall Protection
* Flagger & Traffic Control
* Forklift Training
* Forklift Field Evaluation
* Hexavalent Chromium Online
* High Voltage Electrical Safety
* Hoisting and Rigging
* Hearing Protection/Conservation Online
* Instant Upright Scaffold
* Ladder Safety Hands On
* Ladder Safety Online
* Lockout/Tagout Safety
* MEWP training with boom, scissor & aerial evaluation
* Outdoor Heat Exposure Online
* Radio Frequency Radiation Safety Awareness
* Refrigerant Monitoring
* Respirator training & Fit Test
* Scaffold Safety
* Supv LOTO Field Evaluation
* Wildfire Smoke Training Online

**PPE (as required unless noted as needed)*** Arc Flash rated: clothing, Tyvek coveralls, gloves, hard hat, head cover, impact glasses/goggles, substantial leather footwear
* Animal Areas: head cover, shoe covers, gloves, coveralls, face shield
* Bump cap -as needed
* Chemical: splash apron, goggles, splash shield, footwear, gloves
* Construction – hard hat, impact glasses/goggles, safety vest, gloves, substantial footwear
* Dust mask -as needed
* Gloves (nitrile, leather)
* Hard hat
* Head light / Flashlight / temporary lighting
* Hearing protection
* Impact glasses/goggles
* Personal fall restraint/arrest equipment
* Respirator
* Safety vest
* Safety toe (composite/steel) footwear
* Substantial footwear
* Tyvek / Shop coveralls (Hex Chrome)
* Welding: jacket, hood/shield, gloves
* Any other PPE as specified by the department / construction site / lab entry sign
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| **Job Tasks** | **Potential Hazard** | **Controls & Recommended Actions** | **Training and****Personal Protective Equipment** |
|  | * Airborne contaminants (such as occupant concerns, odors, mold, vapor, fume, animal dandruff, refrigerant leak)
* Biological hazards (such as sanitary sewer leaks, cooling tower –legionella, blood, needles, vials)
* Construction Activities
* Construction Oversight
* Compressed gasses (such as solder gun fuel, welding gasses, hot work)
* Confined spaces (such as crawl space, ceiling plenums, cooling towers)
* Electrically energized equipment
* Ergonomic problems such as lifting, repetitive motion, awkward posture
* Fall hazard
* Hazardous chemicals (such as chemicals in hydronic systems, solvents, degreasers)
* Hazardous energy (electrical, mechanical, heat, pressure (gas or liquid lines))
* Heat stress - indoors
* Insufficient lighting
* Material Handling (ie, forklift, hoisting/rigging)
* Noise
* Outdoor heat exposure
* Overhead equipment/hazards
* Pedestrian traffic
* Power/Hand tools
* Regulated materials such as asbestos, lead, silica
* Slip/trip/fall
* Scaffolding
* Vehicle traffic
* Vermin feces (such as bird or rodent)
* UW light (radiant energy- radio frequency)
* Wildfire Smoke
* Work off ladders

  | * Asbestos work practices (if applicable)
* Avoid energized electrical work when possible
* Barricades/signs/spotter (if applicable)
* Building system shutdown
* Check-in with the department / construction contact person / control room prior to work
* Cooling tower work practice (if applicable)
* Electrically rated tools
* Energized electrical work permit & work plan (if applicable)
* Ensure work area is clear from spills and trip hazards
* Eye wash and deluge shower station
* Fall protection work plan (if applicable)
* 4-gas monitor (ie Bacharach)
* Get help or use lifting tools for items exceeding 50 pounds, or is an awkward shape
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* Lockout procedure, LOTO locks & tags
* Location of exits
* Location of fire extinguisher
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* Outdoor Heat Exposure Plan
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* Permit Required Confined Space (if applicable)
* Refrigerant leak SOP (if applicable)
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* Back protection & Lifting Safety Online
* Biosafety: Working in Non-Human Primate Areas
* Compressed Gas Safety Online
* Confined Space Awareness Online
* Confined Space Entry /Hands On
* Crystalline Silica Safety Online
* Department specific training
* Electrical Safety in the Workplace
* Electrical Safety Low Voltage Qualified
* Fall Protection
* Flagger & Traffic Control
* Forklift Training
* Forklift Field Evaluation
* Hexavalent Chromium Online
* High Voltage Electrical Safety
* Hoisting and Rigging
* Hearing Protection/Conservation Online
* Instant Upright Scaffold
* Ladder Safety Hands On
* Ladder Safety Online
* Lockout/Tagout Safety
* MEWP training with boom, scissor & aerial evaluation
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* Personal fall restraint/arrest equipment
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* Safety vest
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