**Job Hazard Analysis**

University of Washington – Seattle Campus

Facilities Services – Campus Engineering & Operations

Seattle, WA 98195

Working Job Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

JHA Completed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 \_\_\_\_\_\_\_\_\_\_\_. 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.

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** |
|  | * Airborne contaminants (such as occupant concerns, odors, mold, vapor, fume, refrigerant leak)
* Biological hazards (such as sanitary sewer leaks, cooling tower –legionella, blood, needles, vials)
* Compressed gasses (such as solder gun fuel, welding gasses)
* 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 (mechanical, heat, pressure (gas or liquid lines))
* Heat stress
* Insufficient lighting
* Material Handling (ie, forklift, hoisting/rigging)
* Noise
* Overhead equipment
* 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)
* Work off ladders

  | * Asbestos work plan (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
* Confined space permit (if applicable)
* 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)
* Follow industry safety standards for operating power/hand tools
* Follow regulatory practices / standards for operating a forklift
* Follow regulatory practices / standards for operating a hoist
* 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 (scissor, boom, bucket)
* Lockout procedure
* Location of exits
* Location of fire extinguisher
* Location of first aid kit
* Pest Contractor – as needed
* Refrigerant leak work plan (if applicable)
* 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
* Use portable refrigerant monitor where needed
* Use temporary lighting (such as flashlights, head lamps)
* Ventilation (smoke eater, shop fume hood, fan)
* Water treatment plan
* Cooling tower work practice (if applicable)
 | **Task Specific Training*** Asbestos <1% & Lead Work Practices
* Asbestos Awareness
* Asbestos Abatement Class2: Wiring
* Audiometric Hearing Test
* Back protection & Lifting Safety Online
* Biosafety: Working in Non-Human Primate Areas
* Bloodborne Pathogens for Non-Lab Online (for First Aid)
* Compressed Gas Safety Online
* Confined Space Awareness Online
* Confined Space Entry /Hands On
* Department specific training
* Electrical: Arc Flash Awareness Online
* Ergonomic Online training (optional)
* Fall Protection
* Fire Extinguisher Hands On
* Fire Extinguisher Online
* First aid & CPR
* Flagger & Traffic Control
* Forklift Operator Safety
* HazCom/GHS
* Hepatitis B Vaccination (must be offered)
* Hexavalent Chromium Online
* Hoisting and Rigging
* Hearing Protection/Conservation Online
* Instant Upright Scaffold
* Ladder Safety Hands On
* Ladder Safety Online
* Lead Awareness Online
* Lockout/Tagout Safety
* Monthly shop safety meetings on PPE, shop safety standard operating procedures and SDS
* MEWP training with boom, scissor & aerial evaluation
* NFPA 70E Arc Flash/Electrical Safety
* Overton MWP with scissor & aerial evaluation
* Refrigerant Monitoring
* Respirator training & Fit Test
* Scaffold Safety
* Supv LOTO Field Evaluation

**PPE*** Arc Flash rated: clothing, Tyvek coveralls, gloves, hard hat, head cover, impact glasses/goggles, substantial leather footwear- as required per NFPA 70E
* Animal Areas: head cover, shoe covers, gloves, coveralls, face shield – as required
* Bump cap -as needed
* Chemical: splash apron, goggles, splash shield, footwear, gloves – as required
* Construction – hard hat, impact glasses/goggles, safety vest, gloves, substantial footwear – as required
* Dust mask -as needed
* Electrically rated tools
* Gloves
* Hard hat
* Head light / Flashlight / temporary lighting
* Hearing protection - as needed
* Impact glasses/goggles – as needed
* LOTO locks or tags
* Personal fall restraint/arrest equipment
* Respirator – as required
* Safety vest
* Steel toe footwear
* Substantial footwear
* Tyvek / Shop coveralls – as required (Hex Chrome)
* Welding: jacket, hood/shield, gloves – as required
* Any other PPE as specified by the department / construction site / lab entry sign
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