

Job Hazard Analysis



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

Working Job Title: Utility Worker 2 (CEO)

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 Utility Worker 2 (CEO). 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.

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 Monthly shop safety meetings on PPE 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
General use of hand and power tools such as screwdrivers, wrenches, drills, saws, impact hammer	<ul style="list-style-type: none"> Bodily injury 	<ul style="list-style-type: none"> Follow industry safety standards for operating power/hand tools Location of exits Location of fire extinguisher Location of first aid kit Safety Data Sheets (SDS) for chemical and products 	<p>Task Specific Training</p> <ul style="list-style-type: none"> Monthly shop safety meetings on PPE and SDS <p>PPE</p> <ul style="list-style-type: none"> Gloves (as needed) Hearing protection (as needed) Impact glasses (as needed) Substantial footwear

Utility Worker 2 (CEO)

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p>Maintain inventory supplies</p>	<ul style="list-style-type: none"> • Ergonomic problems such as carpal tunnel and back problems • Work off ladders 	<ul style="list-style-type: none"> • Get help or use lifting tools for items exceeding 50 pounds or is an awkward shape • Request an ergonomic evaluation from EH&S • Set-up work station using ergonomic principles • Take frequent breaks/stretch • Use hand cart 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Back protection & Lifting Safety Online • Ergonomic Online training (optional) • Ladder Safety Hands On • Ladder Safety Online • Monthly shop safety meetings on PPE <p>PPE</p> <ul style="list-style-type: none"> • Dusk mask (as needed) • Safety glasses (as needed) • Substantial footwear

Utility Worker 2 (CEO)

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p>Perform maintenance work on and assist other trades with the repair of steam utility systems, fixtures and equipment (excluding energized-electrical work). Load and unload trucks and move tools, equipment, supplies and materials.</p>	<ul style="list-style-type: none"> • Airborne contaminants (such as odors, fume, refrigerant leak, dust) • Biological hazards (such as sanitary sewer leaks, cooling tower –legionella, blood) • Compressed gasses (such as welding gasses) • Confined spaces (such as crawl space, boilers, cooling towers) • Ergonomic problems (such as lifting, repetitive motion, awkward posture) • Fall hazard • Hazardous chemicals (such as solvents, degreasers) • Hazardous energy (mechanical, heat, pressure (gas or liquid lines)) • Heat stress • Insufficient lighting • Material Handling (ie, forklift, hoisting/rigging) • Noise • Overhead equipment • Power/Hand tools • Regulated materials (such as asbestos, lead, silica) • Slip/trip/fall • Scaffolding • Vehicle traffic • Work off ladders 	<ul style="list-style-type: none"> • Aerial lift • Avoid energized electrical work • Barricades/signs/spotter (if applicable) • Check-in with control room as required • Confined space permit (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 • If hot, drink water and take necessary rest breaks • Lockout procedure • Location of exits • Location of fire extinguisher • Location of first aid kit • 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 temporary lighting (such as flashlights, head lamps) • Water treatment plan • Cooling tower work practice (if applicable) 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Asbestos Awareness • Audiometric Hearing Test • Back protection & Lifting Safety Online • Bloodborne Pathogens for Non-Lab Online (for First Aid) • Compressed Gas Safety Online • Confined Space Entry /Hands On • 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) • Hoisting and Rigging • Hearing Protection/Conservation Online • Ladder Safety Hands On • Ladder Safety Online • Lead Awareness Online • Lift Training • Lockout/Tagout Safety • Monthly shop safety meetings on PPE, shop safety standard operating procedures and SDS • Respirator training & Fit Test • Scaffold Safety • Supv LOTO Field Evaluation <p>PPE</p> <ul style="list-style-type: none"> • Dust mask -as needed • Gloves - as needed • Hard hat - as required • 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 – as required • Steel toe footwear - as required • Substantial footwear • Tyvek / Shop coveralls – as needed

Utility Worker 2 (CEO)

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p>Perform tunnel inspections, maintain, clean and remove debris from tunnel manholes, passages, sumps and access hatches.</p>	<ul style="list-style-type: none"> • Airborne contaminants (such as odors, mold, vapor, dust,) • Biological hazards (such as blood, dead rodents) • Confined spaces (such as areas access by vertical ladder only) • Ergonomic problems such as lifting, repetitive motion, awkward posture • Hazardous chemicals (such as solvents, degreasers) • Hazardous energy (hot pipes) • Heat stress • Insufficient lighting • Hand tools • Regulated materials such as asbestos, lead, silica • Slip/trip/fall • Vermin feces (such as bird or rodent) 	<ul style="list-style-type: none"> • Check-in and out with the control room and/or lead prior to work • Ensure work area is clear from spills and trip hazards • Follow industry safety standards for operating hand tools • Get help or use lifting tools for items exceeding 50 pounds, or is an awkward shape • If hot, drink water and take necessary rest breaks • Location of exits • Location of fire extinguisher • Location of first aid kit • Personal eye wash bottle • Pest Contractor – as needed • 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 • Use temporary lighting (such as flashlights, head lamps) 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Asbestos Awareness • Back protection & Lifting Safety Online • Bloodborne Pathogens for Non-Lab Online (for First Aid) • Confined Space Awareness Online • Department specific training • 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 <p>PPE</p> <ul style="list-style-type: none"> • Chemical: splash apron, goggles, splash shield, footwear, gloves – as required • Dust mask -as needed • Gloves - as needed • Head light / Flashlight / temporary lighting • Substantial footwear

Utility Worker 2 (CEO)

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p>Clean, service and perform routine maintenance on shop tools and equipment; operate power tools and equipment (such as shop vacuum, floor polisher)</p>	<ul style="list-style-type: none"> • Airborne contaminants (such as odors, dust) • Biological hazards (such as cooling tower –legionella, blood,) • Ergonomic problems such as lifting, repetitive motion, awkward posture • Hazardous chemicals (such as solvents, degreasers) • Heat stress • Noise • Power/Hand tools • Slip/trip/fall 	<ul style="list-style-type: none"> • Avoid energized electrical work • Ensure work area is clear from spills and trip hazards • Eye wash and deluge shower station • Follow industry safety standards for operating power/hand tools • Get help or use lifting tools for items exceeding 50 pounds, or is an awkward shape • If hot, drink water and take necessary rest breaks • Location of exits • Location of fire extinguisher • Location of first aid kit • 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 • Water treatment plan 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Audiometric Hearing Test • Back protection & Lifting Safety Online • Bloodborne Pathogens for Non-Lab Online (for First Aid) • Confined Space Awareness Online • Ergonomic Online training (optional) • Fire Extinguisher Hands On • Fire Extinguisher Online • First aid & CPR • HazCom/GHS • Hepatitis B Vaccination (must be offered) • Hearing Protection/Conservation Online • Monthly shop safety meetings on PPE, shop safety standard operating procedures and SDS <p>PPE</p> <ul style="list-style-type: none"> • Dust mask -as needed • Gloves - as needed • Hearing protection - as needed • Chemical goggles – as needed • Splash face shield – as needed • Substantial footwear

Utility Worker 2 (CEO)

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p>Perform custodial related tasks (such as floor tile, sweep/mop floors, remove garbage)</p>	<ul style="list-style-type: none"> • Airborne contaminants (such as odors, mold, vapors, refrigerant leak) • Biological hazards (such as blood) • Ergonomic problems such as lifting, repetitive motion, awkward posture • Hazardous chemicals (such as cleaners, solvents, degreasers) • Heat stress • Noise • Power/Hand tools • Regulated materials such as asbestos, lead, silica • Slip/trip/fall 	<ul style="list-style-type: none"> • Barricades/signs/spotter (if applicable) • Ensure work area is clear from spills and trip hazards • Follow industry safety standards for operating power/hand tools • Get help or use lifting tools for items exceeding 50 pounds, or is an awkward shape • If hot, drink water and take necessary rest breaks • Location of exits • Location of fire extinguisher • Location of first aid kit • Personal eye wash bottle • 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 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Asbestos Awareness • Audiometric Hearing Test • Back protection & Lifting Safety Online • Bloodborne Pathogens for Non-Lab Online (for First Aid) • Confined Space Awareness Online • Ergonomic Online training (optional) • Fire Extinguisher Hands On • Fire Extinguisher Online • First aid & CPR • HazCom/GHS • Hepatitis B Vaccination (must be offered) • Hearing Protection/Conservation Online • Lead Awareness Online • Monthly shop safety meetings on PPE, shop safety standard operating procedures and SDS <p>PPE</p> <ul style="list-style-type: none"> • Chemical: splash apron, goggles, splash shield, footwear, gloves – as required • Dust mask -as needed • Gloves - as needed • Hearing protection - as needed • Substantial footwear

Utility Worker 2 (CEO)

Job Tasks	Potential Hazard	Controls & Recommended Actions	Training and Personal Protective Equipment
<p>Paint handrails, floors, pipe and walls in the Power Plant and West Cup areas as needed.</p>	<ul style="list-style-type: none"> • Airborne contaminants (such as odors, vapor, refrigerant leak) • Biological hazards (such as blood) • Ergonomic problems such as lifting, repetitive motion, awkward posture • Fall hazard • Hazardous chemicals (such as paint, solvents, degreasers) • Hazardous energy (pressure (liquid-aerosol can)) • Heat stress • Insufficient lighting • Noise • Power/Hand tools • Regulated materials such as asbestos, lead, silica • Slip/trip/fall • Scaffolding • Work off ladders 	<ul style="list-style-type: none"> • Aerial lift • Avoid energized electrical work • Barricades/signs/spotter (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 • Get help or use lifting tools for items exceeding 50 pounds, or is an awkward shape • If hot, drink water and take necessary rest breaks • Location of exits • Location of fire extinguisher • Location of first aid kit • 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 temporary lighting (such as flashlights, head lamps) • Water treatment plan 	<p>Task Specific Training</p> <ul style="list-style-type: none"> • Asbestos Awareness • Audiometric Hearing Test • Back protection & Lifting Safety Online • Bloodborne Pathogens for Non-Lab Online (for First Aid) • Ergonomic Online training (optional) • Fall Protection • Fire Extinguisher Hands On • Fire Extinguisher Online • First aid & CPR • HazCom/GHS • Hepatitis B Vaccination (must be offered) • Hearing Protection/Conservation Online • Ladder Safety Hands On • Ladder Safety Online • Lead Awareness Online • Lift Training • Monthly shop safety meetings on PPE, shop safety standard operating procedures and SDS • Respirator training & Fit Test • Scaffold Safety <p>PPE</p> <ul style="list-style-type: none"> • Dust mask -as needed • Gloves - as needed • Head light / Flashlight / temporary lighting • Hearing protection - as needed • Chemical glasses/goggles – as needed • Personal fall restraint/arrest equipment • Respirator – as required • Splash face shield – as required • Substantial footwear • Tyvek / Shop coveralls – as needed