

Job Hazard Analysis

SECTION A: JHA DESCRIPTION Job Task / Activity: _____ UW Job Title: __ Avg Hours/Day: **Summary of Task: Department:** JHA#: Date of Assessment: Loss Potential Rating (High, Med, Low): Assessed by: **Review date:** SECTION B: HAZARD IDENTIFICATION AND EVALUATION Description of Hazard / **Loss Potential Hazards** Controls (Section C) Risk Scenario(s) (Section D) **Physical Hazards** ☐ | Slips / trips / falls Fall from heights (>3m) Struck by/against/collision Entangled/pinched/caught/crushed Sharps / cuts / punctures /abrasions Heat / cold / weather / environment Noise (have to raise voice to talk) Vibration Confined space (as designated) Electrical hazard (arc flash/high voltage, etc.) Pressurized system/compressed gas Burns Foreign Body Overhead hazards П Obstruction(s) Lasers - burn hazard/ eye damage Chemical / Biological / Radioactive/ plant and animal hazards Chemical / Hazardous Material Fire / Explosion / Flammable Activities that generate dusts/ fumes/ vapours Biohazardous/ Infectious (human pathogen or toxin, biological waste) Radiation (UV, Ultraviolet, Visible, IR Infrared, x-ray) Asbestos Other Designated Substances Insect / animal bites/stings scratches Environmental Hazards (mold, plants, dust) **Human/Situational factor hazards** Ergonomic: high force, manual lifting carrying/pushing/pulling, repetitive task/ awkward postures or movements, extremes in range of motion. Fatigue (Overnight / shift work, etc.) Poor visibility (lighting, sight lines) Working Alone Operation of motor vehicle/mobile equipment Access/ingress/egress limited Work offsite /Remote locations Workplace violence / harassment *Reference Section E for Risk Assessment* Other hazards:



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SECTION C: EXAMPLES OF CURRENT CONTROLS

1 Engineering Controls	2 Administrative Controls	3 Personal Protective Equipment	4 Emergency / Life Safety Equipment Equipment/Systems
a. Ventilation / local exhaust	a. Maintenance schedule / logs	a. Eye Protection (safety glasses/goggles)	(fire extinguishers, emergency eye washes, deluge showers, first aid kits, fire blankets, spill kits or sorbents etc.)
b. Circuit protection	b. Maintenance by contractor	b. Hand Protection (gloves)	
c. Guarding/enclosure	c. Scheduled at less hazardous time	c. Foot Protection (safety boots/shoes)	5 Other:
d. Lock out	d. Time exposure is limited	d. Face protection (face shield)	
e. Interlocks	e. Rotating schedule	e. Head Protection (helmet/hard hat)	
f. Ergonomic design	f. Signage	f. Respiratory Protection (respirator, mask)	
g. Isolation	g. Existing procedures / training	g. Hearing protection (plugs, muffs)	
h. Process control methods	h. Required buddy system	h. Fall Protection (harness/lanyard)	
i Vehicle safety devices (back up camera, reverse warning signal)	i Communication Device (radio or person-down, phones, call boxes to summon immediate assistance)	i Protective clothing (apron, lab coat, reflective)	
j. Controlled access area (FOB or limited key access)	j. Supervision / monitoring in place	j. Skin protection (sunscreen, barrier cream)	
k. Security system/ surveillance or monitoring of area	k. Housekeeping/ grounds keeping (scheduled to maintain clean and hazard free areas/access)		
	I. Health screening/ testing		
	m. Inventory / Scheduled inspections		

SECTION D: CLASSIFICATION OF LOSS POTENTIAL RATING

Critical	B2	A2	A1
Serious	C1	B1	А3
Minor	С3	C2	В3
Consequence Likelihood	Unlikely/ Rare	Likely	Almost certain

High A1, A2, A3

Med B1, B2, B3

Low C1, C2, C3

Loss Potential

Definitions:

Consequence	Explanation	Likelihood	Explanation
Critical	Hazards/risks that have the potential to cause death, critical injury, or loss of facility.	Almost certain	Given the controls in place, the specific hazard is expected to occur as part of the normal work routine/ activities.
Serious	Hazards/risks that have the potential to cause moderate property damage, injuries that result in off-site medical assistance, or lost time days.	Likely	Given the controls in place, the specific hazard is expected to occur occasionally as part of work activities.
Minor	Hazards/risks that have the potential to cause minor property damage or injuries that require on-site first aid treatment	Unlikely / Rare	Given the controls in place, the specific hazard is expected to occur only under exceptional circumstances or not at all. (ie. less than 1x/year)

SECTION E: WORKPLACE VIOLENCE AND HARASSMENT

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Do job duties / activities include any of the following types of work? \square YES \square NO (check all that apply):					
☐ Working alone or in isolation	\square Public/other events not assessed for risk \square Dealing with unstable/volatile individuals				
☐ Travel to remote /hazardous locations	☐ Patrolling/providing protective services ☐ Transporting people and/or goods				
☐ Providing services directly to public	☐ Handling cash/valuables incl. narcotics/controlled substances				
☐ Dealing with sensitive personal matters / Making decisions which impact academic or employment status					
*For each factor selected, the corresponding Workplace Violence Risk Assessment(s) will need to be completed and attached to this form. Risk assessments can be downloaded at www.uwindsor.ca/safety/workplace-violence-risk-assessments.					
SECTION F: ADDITIONAL OPPORTUNIT	TIES FOR THE CONTROL OF HAZARDS				
SECTION F: ADDITIONAL OPPORTUNIT 1. Elimination considered but no viable					



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SECTION G: TRAINING DOCUMENTS AND RELEVANT INFORMATION

Relevant Information / Documentation	Reference Information (e.g. location, document number, etc.)
Training Required for this task / activity, including Safe Operating Procedures	
Safety Data Sheets	
Safety manual	
Other, please specify:	
Additional Notes:	

^{*}Please forward the completed form to the Health & Safety office*