

JOB HAZARD ANALYSIS

POSITION		SAFE OPERATING GUIDELINES												2017		
(icon)	HAZARD POTENTIAL EVALUATION				ERGONOMICS ASSESSMENT											
	<input type="checkbox"/> Struck By	<input type="checkbox"/> Weather Conditions	<input type="checkbox"/> Lifting		L	M	F	<input type="checkbox"/> Walking	L	M	F	<input type="checkbox"/> Kneeling	L	M	F	
	<input type="checkbox"/> Struck Against	<input type="checkbox"/> Hazardous Substance	<input type="checkbox"/> Carrying		L	M	F	<input type="checkbox"/> Standing	L	M	F	<input type="checkbox"/> Hearing/Noise	L	M	F	
	<input type="checkbox"/> Slip/Trip/Fall	<input type="checkbox"/> Electrical Hazards	<input type="checkbox"/> Reaching Above Shoulder		L	M	F	<input type="checkbox"/> Sitting	L	M	F	<input type="checkbox"/> Climbing Stairs	L	M	F	
	<input type="checkbox"/> Caught In/Between	<input type="checkbox"/> Obstruction/Confined	<input type="checkbox"/> Straight Pulling		L	M	F	<input type="checkbox"/> Crawling	L	M	F	<input type="checkbox"/> Climbing Ladders	L	M	F	
	<input type="checkbox"/> Material Handling	<input type="checkbox"/> Equipment Operating	<input type="checkbox"/> Pulling hand over hand		L	M	F	<input type="checkbox"/> Twisting	L	M	F	<input type="checkbox"/> Simple Grasp	L	M	F	
HIRAC	1	2	3	4	<input type="checkbox"/> Dual Grasp	L	M	F	<input type="checkbox"/> Pushing	L	M	F	<input type="checkbox"/> Repeated Motion	L	M	F

TRAINING REQUIREMENTS

GENERAL CAMPUS			DEPARTMENT SPECIFIC			SPECIALTY																	
Cal Maritime	EHS Pocket Guide	Emergency Response Guide	Department	Authorized Driver	Ergonomics RMI Prevention	Basic First Aid/CPR/AED	Marine Programs	T.S. Golden Bear	As Identified/Determined														
I	A	O	H	I	A	O	H	I	A	O	H	I	A	O	H	I	A	O	H	I	A	O	H

DO NOT USE ANY EQUIPMENT OR MACHINE UNLESS YOU HAVE RECEIVED INSTRUCTION IN THE SAFE USE AND OPERATION AND HAVE AUTHORIZATION TO USE.

PERSONAL PROTECTIVE EQUIPMENT

Eye Protection	Foot Protection	Hand Protection	Hearing Protection	Body Protection	Head Protection	Respiratory Protection	Fall Protection	Face Shield	OTHER
When exposed to eye or face hazards from flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation...	When working in areas where there is a danger of foot injuries due to falling or rolling objects, or objects piercing the sole, or will protect the affected	When hands are exposed to hazards such as those from skin absorption of harmful substances; severe cuts or lacerations; severe abrasions; punctures; chemical burns	When exposed to a time weighted average noise level of 85 dBA or higher over an 8 hour work shift.	When exposure to: Intense heat, hot metals, other hot liquids Impacts from materials that can cut, burn Hazardous chemicals Or potentially infectious materials	Where there is a potential for injury to the head from falling objects and/or when there is a risk of impact to head	May be required if removal of contaminants from the air does not fall below permissible exposure level.	When there is a risk of falling from a height greater than 4ft GSO 6ft CSO 6ft MSO When working in confined space	Face shield can be used over the glasses if there is a presence of a lot of flying debris.	

IF CONDITIONS CHANGE: STOP WORK IMMEDIATELY-REVIEW WITH SUPERVISOR-DOCUMENT HAZARD-REVIEW WITH SRM

Ergonomic

(L) Low <2hrs (M) Moderate 2-5hrs (F) Frequent >5hrs per 8-hours

Training

(I) Initial (A) Annual Refresher (O) Occasion/Post Incident (H) Hazard

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GENERAL CAMPUS SAFE OPERATING PROCEDURES			
WORK DUTIES		HAZARD POTENTIAL	HAZARD CONTROLS & PROTECTION MEASURES
1	Use of office equipment 	Electrocution, electrical shock, bruising and miscellaneous injuries	<ul style="list-style-type: none"> ⚓ Ensure all electrical equipment is properly grounded. (i.e. three prong electrical plugs) and in proper working order before using. Strictly follow all manufactures precautions and recommendations. ⚓ DO NOT overload circuits by stringing multiple power strips (also known as daisy chaining)
2	Using ladders or step-ladders 	Ladder collapsing; Slipping and falling from ladder	<ul style="list-style-type: none"> ⚓ Inspect ladder before use. Use ladder at proper height. ⚓ Make sure the ladder is assembled, locked and on level ground. ⚓ DO NOT exceed weight limit for ladder. ⚓ DO NOT stand on the top or top rung of ladder and make sure a co-worker is holding ladder if any higher than a step-ladder.
3	Work Station 	Muscle-skeletal disorders, eye/body strain and fatigue	<ul style="list-style-type: none"> ⚓ Ensure workstation is ergonomically correct for the person using the workstation. ⚓ Ensure proper lighting so that there isn't a glare in order to prevent eye strain. ⚓ Review phone placement and accessories so that operator is sitting square and limiting excessive head/neck tilt in order to prevent neck strain
4	Office Furniture 	Falling objects	<ul style="list-style-type: none"> ⚓ Ensure all doors and drawers are fully secured. Do not overload shelves. ⚓ Ensure bookcases are seismically strapped/secure to wall to prevent tipping over.
5	Walking in offices, buildings hallways and stairs 	Slips, trips and falls	<ul style="list-style-type: none"> ⚓ Ensure all walking and working surfaces have been properly maintained, properly lit, are free of debris and remove potential tripping hazards. ⚓ Use handrails when using stairs. ⚠ Note: No opened toed footwear is allowed in food operations ⚠ Note: No opened toed footwear is allowed on T.S. Golden Bear
6	Campus Construction Activities 	Pedestrians knocking over ladders or lights or bumping into worker; pedestrians getting hit with equipment or falling tools, etc.	<ul style="list-style-type: none"> ⚓ Always be aware of surroundings. ⚓ Stay away from construction zones.
7	Working outside in Weather 	Heat stroke, heat exhaustion, frostbite	<ul style="list-style-type: none"> ⚓ Dress appropriately for the weather, keep hydrated, and take necessary breaks when needed
8	Heaving lifting and reaching 	Overexertion, strains and sprains	<ul style="list-style-type: none"> ⚓ Use proper lifting techniques, limit duration of repetitive motion. ⚓ Always know your weight limit, lift with your legs, get help if needed. ⚓ Use step ladders when lifting objects above shoulder height.
9	Campus 	Personal safety and security	<ul style="list-style-type: none"> ⚓ Always be aware of your surroundings. ⚓ Changing weather conditions can increase slip hazards throughout the campus
10	Operating university vehicles 	Motor vehicle accident, striking a pedestrian or bicyclist	<ul style="list-style-type: none"> ⚓ Inspect vehicles before use. ⚓ Use seat belts. Travel at safe speed for conditions. ⚓ Stay alert for pedestrians, other vehicles, and objects in travel path.

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POSITION SPECIFIC SAFE OPERATING PROCEDURES						
WORK DUTIES		HAZARD POTENTIAL		HAZARD CONTROLS & PROTECTION MEASURES		
1				⚓		
2				⚓		
3				⚓		
4				⚓		
5				⚓		
CORE EHS TRAINING REQUIREMENTS				ADDITIONAL NOTES		
		I	A	O	H	⚓ As a general rule, NO Specific PPE is required for office personnel. In the event conditions require PPE, personnel will be relocated to designated safe zones. ⚓ Personnel assigned to the T.S. Golden Bear will be required to wear sturdy, closed toed shoes. ⚓ Personnel assigned to food service operations will be required to wear slip resistant, closed toed shoes.
		I	A	O	H	
		I	A	O	H	
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		I	A	O	H	
		I	A	O	H	
	Basic First Aid /CPR/AED	Recommended				
IF CONDITIONS CHANGE: STOP WORK IMMEDIATELY-REVIEW WITH SUPERVISOR-DOCUMENT HAZARD-REVIEW WITH SRM						
EMERGENCY RESPONSE			HOUSEKEEPING & SECURITY			
1	First Aid Kit	Located in buildings	1	Is the work area/site Clean?	Ensure work area is clean daily and that any hazardous materials are properly disposed of daily	
2	AED	Located in all main buildings	2	Is the work area/site Secure?	Ensure lights are turned off and building is locked upon exiting work for the day.	
3	Emergency phone	Campus Police- 707-654-1111 or 911	3			
4	Evacuation	TBD based on Facility & Emergency				
REMINDER: IMMEDIATELY REPORT ALL INCIDENTS, REGARDLESS OF SEVERITY, TO YOUR SUPERVISOR AND THE DEPARTMENT OF SAFETY & RISK MANAGEMENT.						