

CAL	L MARITIME			JO	B HAZAI	RE) <i>f</i>	11	IALYS	IS	5						
CAR	PENTER		SAFE OPERATING GUIDELINES												2017		
	HAZ	ARD POTENT	TIAL EVALUATION		ERGONOMICS ASSESSMENT												
	⊠Struck	Ву	☑Weather Conditions	ther Conditions 🗵 Lifting				F [⊠Walking		L M F		■ Kneeling			M	F
	⊠Struck .	Against	⊠Hazardous Substance	e 区Carrying	⊠Carrying				⊠Standing	L	M	F	⊠Hearing/Noise	L		М	F
	⊠Slip/Tri	•	⊠Electrical Hazards	☑Reaching A	☑Reaching Above Shoulder			F [⊠Sitting	L	М	F	⊠Climbing Stairs	L		M	F
Anna Carlo	⊠Caught	In/Between	⊠Obstruction/Confine	d ⊠Straight Pu	lling	L	M	F [⊠ Crawling	L	М	F	⊠Climbing Ladders	s L		М	F
	⊠Materi	al Handling	⊠Equipment Operating	-	☑Pulling hand over hand			_	⊠Twisting	L	M	F	Simple Grasp ■ Simple Grasp	L		M	F
HIRAC 1 2				■ Dual Grasp		L	M	F [⊠Pushing	L	М	F	⊠Repeated Motion	n [M	F
				TRAINING RE	QUIREMENTS												
GE	NERAL CAMP	US	DEPA	ARTMENT SPE	CIFIC						SPE	CI	ALTY				
						(+							(9		
Cal Maritime	Cal Maritime EHS Pocket Guide Emergency Response Guide Department Au			Authorized Driver	orized Driver				/AED Marin	Marine Programs T.S. Golden Bear				As Identified/ Determined			
											0	4					
DO NOT US	DO NOT USE ANY EQUIPMENT OR MACHINE UNLESS YOU HAVE RECEIVED INSTRUCTION IN THE SAFE USE AND OPERATION AND HAVE AUTHORIZATION TO USE. DEPSONAL PROTECTIVE FOUNDMENT																





















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.	

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

California State University Maritime Academy Safety & Risk Management

Injury Illness Prevention Program

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Page 1 of 4



JOB HAZARD ANALYSIS

	GENERAL CAMPUS SAFE OPERATING PROCEEDURES									
	WORK DUTI	ES	HAZARD POTENTIAL		HAZARD CONTROLS & PROTECTION MEASURES					
1	Use of office equipment		Electrocution, electrical shock, bruising and miscellaneous injuries	Fr Fr	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	甩	Ladder collapsing; Slipping and falling from ladder	Fix Fix Fix Fix	Inspect ladder before use. Use ladder at proper height. Make sure the ladder in 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	Pr Pr Pr	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	**	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	K K	Slips, trips and falls	Pr Pr	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.	Fr Fr	Always be aware of surroundings. Stay away from construction zones.					
7	Working outside in Weather		Heat stroke, heat exhaustion, frostbite	å.	Dress appropriately for the weather, keep hydrated, and take necessary breaks when needed					
8	Heaving lifting and reaching		Overexertion, strains and sprains	F F F	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	次久	Personal safety and security	₩ ₩	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	Fr Fr Fr	Inspect vehicles before use. Use seat belts. Travel at safe speed for conditions. Stay alert for pedestrians, other vehicles, and objects in travel path.					



JOB HAZARD ANALYSIS

	POSITION SPECIFIC SAFE OPERATING PROCEEDURES									
	WORK DUT	IES	HAZARD POTENTIAL		HAZARD CONTROLS & PROTECTION MEASURES					
1	Using hand tools	X	Cuts, pinches, smashes, punctures, severing of fingers.	Fx Fx Fx	Keep tools in good condition. Inspect tools before use. Wear safety glasses. Work away from yourself. Use normal caution required for all hand tools.					
2	Installing glass		Cuts from installing or breaking glass. Inhalation of fine particles of glass	\$ \$	Wear proper PPE such as leather gloves, dust mask and safety glasses/goggles. Dispose of broken glass so that no one else can be injured.					
3	Working with Power Tools	<u> </u>	Cuts, abrasive, electric shock, injury form flying debris, tripping over power cords, electrocution	Fix Fix Fix	Wear goggles and dust musk if applicable. Keep cords away from work area. Keep tools in good condition. Inspect tools before use. Verify that guards are working properly. DO NOT put hand near blades. Make sure you have a good center of gravity and maintain control at all times					
4	Working around electricity		Electric Shock, Electrocution	\$ \$ \$	Shut off power to work area. Use lock-out device to ensure power is not inadvertently switched on. Always test before beginning work to verify that power is off. Remove tools and other metals from body. If you must work with electricity on, wear safety glasses and leather gloves per NFPA 70E classifications. Have coworker with you in case there is a problem. If work area is wet, clean up standing water before working with electricity; wear rubber boots and gloves.					
5	Using adhesives/glues	SDS SHEETS	Inhalation of fumes	\$	Work in a well-ventilated area					
6	Using scaffolding		Scaffolding collapsing, slipping/falling from scaffolding	F. F.	Inspect all equipment before using and make sure it is assembled correctly and all wheels are locked. Use safety rails and a safe way down					
7	Repair/replace grid ceilings, drywall ceilings and/or ceiling tiles	<u> </u>	Inhalation of dust, objects striking if on top of ceiling material, contact with fiberglass or asbestos	Fis Fis	Wear dust mask and safety glasses, be careful when removing ceiling, if in doubt about asbestos call EHS. Inspect vehicle before use. Use seat belts and safety prescription glasses. Stay alert for pedestrians, other vehicles and objects in path					
8	May work with materials containing asbestos		Could cause possible health issues if inhaled or ingested	***	Never disturb materials containing asbestos unless properly trained. Always use appropriate exposure control methods and wear designated PPE					
9				*						



JOB HAZARD ANALYSIS

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	CORE E	HS TRAINING	REQUIREMENTS						ADDITIONAL NOTES
	F	all Protection	Training	-	Α	0	Н	Ž	
	Elevated Work I A					0	Н		
	P	ersonal Protec	ction Equipment	-	Α	0	Н		
	H	land & Power	Tool	ı	Α	0	Н]	
Lockout/Tagout (LOTO) I A					Α	0	Н		
Hazard Communication I A C					Α	0	Н]	
Basic First Aid /CPR/AED Recomme						mend	led		
	IF	CONDITIONS	S CHANGE: STOP WOF	RK II	MM	DIA	ΓEL\	Y-REVIEW WITH SUPERVISOR-D	DOCUMENT HAZARD-REVIEW WITH SRM
	EM	ERGENCY RES	SPONSE						HOUSEKEEPING & SECURITY
1	First Aid Kit	Located in	n 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	Ensure lights are turned off and building is locked upon exiting
							•	Secure?	work for the day.
3 Emergency phone Campus Police			Police- 707-654-1111 c			_ 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.								