

													2017			
BUILDING MAIN	NTENANCE		SAFE OPERATING GUIDELINES													
	HAZAI	RD POTENTI	AL EVALUATION			ER	GONOMI	CS ASS	ESSM	ENT						
	⊠Struck By	D	☑Weather Conditions	⊠Lifting	L M F 🗵 Walking L M F 🗵 Kneeling								м			
	Struck Aga	ainst 🛛 🖸	☑Hazardous Substance	e 🗵 Carrying		L M	F 🗵 Sta	nding	LM	F	□Hearing/Noise	L	м			
	⊠Slip/Trip/F	Fall 🛛	Electrical Hazards	⊠Reaching A	bove Shoulder	L M	F 🗵 Sitt	ing	L M	F	⊠Climbing Stairs	L	м			
	⊠Caught In/		☑Obstruction/Confine			L M			L M	F	-	rs L	м			
	⊠Material H	Handling 🛛 🖸	☑Equipment Operating	g 🛛 🖾 Pulling han	d over hand	L M	F 🗵 Tw	isting	L M	F	1	L	м			
	HIRAC	1	2 3 4	区Dual Grasp		L M	F 🗵 Pus	shing	L M	F	⊠Repeated Moti	on L	м			
TRAINING REQUIREMENTS																
GENERAL CAMPUS DEPARTMENT SPECIFIC SPECIALTY																
									S.)		(
Cal Maritime EHS P	ocket Guide	Emergency	Department	Authorized Driver	Ergonomics		Basic	Marine	e Progra	ims	T.S. Golden Bear	As Ide				
I A O H I		Response Guide	I A O H	I A O H	RMI Prevention		d/CPR/AED		0	Н	I A O H	I A	rmined			
			E UNLESS YOU HAVI						1							
			PER	SONAL PROTE	CIVE EQUIPMI	ENT										
				H			2)	(F)					
Еуе	Foot	Hand	Hearing	Body	Head	Resp	iratory		Fall		Face Shield	ОТ	HER			
		Protection	Protection	Protection	Protection		ection		tectio							
·	U U	Vhen hands are		When exposure	Where there is a		ay be		there		Face shield can		tiona			
'	reas where	exposed to	to a time	to: Intense heat,	potential for		uired if		of fallir	-	be used over	PPE	E per			
		hazards such as	0	hot metals,	injury to the		ioval of		a heig		the glasses if		uired			
	0	hose from skin	average noise level of 85 dBA	other hot liquids	head from		aminants n the air	0	ter tha t GSO	n	there is a presence of a lot	NFP/	A 70E			
	ries due to ng or rolling	absorption of harmful	or higher over	Impacts from materials that	falling objects and/or when	-	not fall		t CSO		of flying debris.	classif	ficatio			
, , , , , , , , , , , , , , , , , , , ,	bjects, or	substances;	an 8 hour work	can cut, burn	there is a risk of		elow	-	t MSO		or frying debris.					
	•	severe cuts or	shift.	Hazardous	impact to head	-	nissible		n worki	ng						
	sole, or will	lacerations;	Sint.	chemicals			ure level.		onfine	-						
• • •	otect the	severe		Or potentially		chpos	ure leven		pace	4						
	offected	abrasions;		infectious					puce							
radiation		punctures; chemical burns		materials												
			STOP WORK IMME	DIATELY-REVIEW	WITH SUPERVISC	DR-DOC	UME <u>NT H</u>	AZARD-	REVIE	w w	ITH SRM					
Ergonomic	(L) Low <2hrs	(M) Moderate	2-5hrs (F) Frequent >5	hrs per 8-hours	Training	(I) Ir	itial (A) Ar	nual Rej	fresher	(0) (Ccasion/Post Incide	nt (H) Ha	azard			
										_						
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			GENERAL CAMPUS	S SA	FE OPERATING PROCEEDURES				
	WORK DUTIE	S	HAZARD POTENTIAL		HAZARD CONTROLS & PROTECTION MEASURES				
1	Use of office equipment Electrocution, electrical shock, bruising and miscellaneous injuries				 Ensure all electrical equipment is properly grounded. (i.e. three prong electrical plugs) a 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 the power strips) and the properties of th				
2	Using ladders or step-ladders	用	Ladder collapsing; Slipping and falling from ladder	合法 合法 合法 合法	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	<u> </u>	Muscle-skeletal disorders, eye/body strain and fatigue	frie frie frie	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	fer fer	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	AND	Slips, trips and falls	AN AN	 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. A Note: No opened toed footwear is allowed in food operations A 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.	Rie Rie	Always be aware of surroundings. Stay away from construction zones.				
7	Working outside in Weather		Heat stroke, heat exhaustion, frostbite	6ª	Dress appropriately for the weather, keep hydrated, and take necessary breaks when needed				
8	Heaving lifting and reaching	<u>A</u>	Overexertion, strains and sprains	લ્લ દેલ	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	次次	Personal safety and security	合居 合居	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	An An An	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 PROCEEDURES										
	WORK DUTIE	S	HAZARD POTENTIAL		HAZARD CONTROLS & PROTECTION MEASURES						
1	Working in /around air handlersInhalation of dust, dust or foreign objects in eyes, fiberglass irritation				Wear dusk mask and safety mask.						
2	Equipment Maintenance		Electric shock, parts shooting and striking worker, getting caught in equipment, cuts from sharp edges	Pie Pie Pie	Shut off any power source before working. Have appropriate PPE per NFPA 70E classifications Insulated tools are required when working on electrical system or equipment						
3	Working with Power Tools		Cuts, abrasive, electric shock, injury form flying debris, tripping over power cords, electrocution	Fie Fie Fie Fie	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	Using hand tools	×	Cuts, pinches, smashes, punctures, severing of fingers.	Fie Fie Fie	Keep tools in good condition. Inspect tools before use. Wear safety glasses. Work away from yourself. Use normal caution required for all hand tools.						
5	Changing light bulbs and glass lenses of light fixtures		Getting cut on glass or sharp edges.	€k	Handle with caution. Wear gloves.						
6	Working on roofs		Slipping and falling, high winds, getting stranded on roof if working alone	€k	Walk carefully not too close to the edge. If possible avoid working on really windy or wet/icy days. Keep doors propped open with a 2-way radio.						
7	Using scaffolding		Scaffolding collapsing, slipping/falling from scaffolding	Ф _к	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						
8	Using ladders or step-ladders	≈ ∄	Ladder collapsing; Slipping and falling from ladder	Rk.	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.						
9	Working in mechanical rooms		Explosions from gas lines; burns from steam, hot water lines; slipping on water or oil; tripping over materials being stored; loud noise	Fre Fre	Be aware of odors and evacuate if you smell gas; be aware of your surroundings, Clean up any standing liquid on floor; walk carefully; wear earplugs if needed.						

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10	Working in confined space Working around		Lack of oxygen or overexposure to methane gas Electric Shock, Electrocution	Rie Rie	Before working in confined area, verify that it is safe by monitoring air (get confined space permit as required). While working, always ventilate area using fan. Always have at least one person outside confined area to monitor safety of those working inside. Shut off power to work area. Use lock-out device to ensure power is not inadvertently
11	electricity			ý	switched on. Always test before beginning work to verify that power is not inadvertently 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.
12	Working in area of pedestrian traffic.	· <u>×</u>	Pedestrians knocking over ladders or lights or bumping into worker; pedestrians getting hit with equipment or falling tools, etc.	6 ¹ /4	Always be aware of surroundings
13	Working outside in extreme temperatures		Heat stroke, heat exhaustion, frostbite	щ	Dress appropriately for the weather, keep hydrated, and take necessary breaks when needed
14	Heavy lifting		Use proper lifting techniques, limit duration of repetitive motion.	frie frie frie	Always know your weight limit, lift with your legs, get help if needed. Limit duration of repetitive motion. If two Person Lift-ensure communication and path are clear to prevent strain/sprain
15	May work with materials containing asbestos		Could cause possible health issues if inhaled or ingested	An An	Never disturb materials containing asbestos unless properly trained. Always use appropriate exposure control methods and wear designated PPE
16	Operating University Vehicles		Motor vehicle accident, striking pedestrian or bicyclists	fek	Inspect vehicle before use. Use seat belts. Stay alert for pedestrians, other vehicles and objects in path. Ensure cargo is secured. Ensure vehicle cab is clean free from material or debris that can shift during operation and impact the driver or passenger.
17	Working with steam heat, hot water pipes	¢ 	Severe burns, inhalation of steam	fre fre	Whenever possible, shut off steam in work area several hours before beginning job. Look at gauges before beginning work to verify that they are working properly Be aware of steam leaks. Drain systems and/or pump before working on them. Release pressure slowly by nicking pipe. Pull out pump slowly and put a barrier between you and the pump to protect against steam and hot water.
18	Working with pneumatic parts	Ē	Getting sprayed with hot or cold water, steam, refrigerates. Injuries from shooting parts	€Þ¢	Slowly open valves to release pressure and wear safety glasses
19	Storing or transporting compressed gas cylinders	\land	Explosion of compressed gas, rupture of valve	Ŕ.	DO NOT allow cylinder valve or the regulators to come in contact with grease, oil or other lubricants. Always install a protective valve cover and secure cylinders to a stand or wall. Wear proper PPE

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20	Soldering and brazing using oxygen/acetylene		Explosion, burns, fumes			on of	f	ٹ ا ٹ ا	DO NOT solder around flar Use correct solder for the j fire watch	or leaks prior to using, work in well ventilated areas. mmable materials. Wear proper PPE and burn away from yourself. job. Complete hot work permit and have a person standing by for
	Starting up and operating chillers		While turning on operating valves	-		king			Take time to open the valv Wear proper PPE, especial	
21	operating entirers		gauges may have	e pot	entia	al for	r			, 50.05
			overexertion, ba	ck st	rain,	burı	n	-%		
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24								¥		
	CORE E		REQUIREMENTS		1					ADDITIONAL NOTES
		Fall Protection		1	Α	0	Н			
		Elevated Work		I	Α	0	н			
		Personal Prote	ection Equipment	1	Α	0	н			
		Hand & Power	r Tool	1	Α	0	н			
		Lockout/Tago	ut (LOTO)	1	Α	0	Н			
		Hazard Comm	unication	1	Α	0	н			
		Fire Extinguish	ier	I	Α	0	н			
		Basic First Aid	/CPR/AED	Re	com	nenc	ded			
				ORK	IMN	/IEDI	ATE	LY-RE\	VIEW WITH SUPERVISOR-I	DOCUMENT HAZARD-REVIEW WITH SRM
	EME	RGENCY RESP	PONSE							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
						+	\rightarrow		1 1 1 2 2	are properly disposed of daily
2	AED	Located in	n all main buildings	5			2	Is the	work area/site Secure?	Ensure lights are turned off and building is locked upon exiting
	Free eveneses and the set			11 -	. 04 4	+	-+			work for the day.
3	Emergency phone		Police- 707-654-112			- 3	3			
4	Evacuation		d on Facility & Eme							
	REMINDER: IMMEDI	ATELY REPOR	I ALL INCIDENTS, F	KEGA	RDL	ESS	OF S	EVERI	IY, TO YOUR SUPERVISOR	R AND THE DEPARTMENT OF SAFETY & RISK MANAGEMENT.

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