Effective:		JOB SAFETY ANALYSIS		EPT:	LOCATION:		B TYPE:
July 1, 2016				NS	Center for Neuroscience		p Worker
JOB FUNCTION		POTENTIAL HEALTH OR INJURY HAZARDS	SA	AFE PRACTICE, OR EQUIPMENT			RSONAL PROTECIVE UIPMENT (PPE)
Instructions for use of all tools- Preparation	•	Trips/Falls Flying Parts	 Clean work area before starting. Make sure area is well lit. Secure and tighten all parts before starting. Use proper tool accessories. 			 Long pants, Non-slip, Closed-Toe Shoes Dust Mask Goggles/Safety Glasses 	
	Bodily Injury Check			Check and replace any broken or damaged parts.		•	Remove jewelry from hands and neck, tie back hair, roll up long sleeves and secure any other loose clothing that could potentially get caught in moving equipment.
Instructions for use of all tools- Use	Fires or Electrical Shocks	•	Grounded tools n installed grounde Do not force pola won't fit. Avoid body conta	Is in explosive atmospheres. nust be plugged into properly d outlets. rized plugs into an outlet if it ct with grounded surfaces. ver tools to rain or wet	 Long pants, Non-slip, Closed-Toe Shoes Dust Mask Goggles/Safety Glasses Remove jewelry from hands and neck, tie back hair, roll up long sleeves and secure any other 		
	•	Tangled Parts	•	Disconnect the pl	ug from power source before stments or changing		loose clothing that could potentially get caught in moving equipment.
	•	Bodily Injury	•		e clothing or jewelry.		<u> </u>
	•	Eye Injury Back Strain	•	•			

Effective:	JOB SAFET	Y ANALYSIS	DEPT:	LOCATION:	JOB TYPE:
July 1, 2016	DOTENTELL		CNS Center for Neuroscience		Shop Worker
JOB FUNCTION		HEALTH OR HAZARDS	SAFE PRACTICE, OR EQUIPMENT		PERSONAL PROTECIVE EQUIPMENT (PPE)
FUNCTION		TAZAKDS			EQUIFMENT (FFE)
Instructions for use of all tools- After Use	 Bodily Injury Electrical Sh 				 Long pants, Non-slip, Closed-Toe Shoes Dust Mask Goggles/Safety Glasses Remove jewelry from hands and neck, tie back hair, roll up long sleeves and secure any other loose clothing that could potentially get caught in moving equipment.
General machining and metal fabrication processes using stationary machine tools; (lathe, mill, drill press, and grinders)	 Cuts, contusions, lacerations, from contact with point of operation or associated flying materials from work part. Hearing damage from audible noise above 90dB at a sustained level: Hours per day Sound level 8 90dB 6 92dB 4 95dB 3 97dB 2 100dB 1.5 102dB 		 Students, staff, and faculty using the machine shop must have prior authorization and complete the CNS machine shop safety online training. Go to this link for training, <u>http://neuroscience.ucdavis.edu/healthandsafet y/ShopSafety.html</u> Use tools according to manufacturer's recommendation. Understand use of tools and procedures before commencing work. Use correct tool for the job and ensure that tools are in good condition before starting work. Report any defect tool or machine to Safety Manager. Use the guarding systems and shields. Do not defeat guarding systems 		 Long pants, Non-slip, Closed-Toe Shoes Dust Mask Goggles/Safety Glasses Remove jewelry from hands and neck, tie back hair, roll up long sleeves and secure any other loose clothing that could potentially get caught in moving equipment. Wear hearing protection.

Effective:	JOB SAFETY ANALYSIS	DEPT:	LOCATION:	JOB TYPE:
July 1, 2016		CNS	Center for Neuroscience	Shop Worker
JOB	POTENTIAL HEALTH OR	SAFE PRACTICE, OR	EQUIPMENT	PERSONAL PROTECIVE
FUNCTION	INJURY HAZARDS			EQUIPMENT (PPE)

				1
		105dB		
	.5	110dB		
	.25 or less	115dB		
Grinding	 Metal dust, s Noise 	silica dust	 Use tools according to manufacturer's recommendation. Understand use of tools and procedures before commencing work. Use correct tool for the job and ensure that tools are in good condition before starting work. Report any defect tool or machine to Safety Manager. 	 Long pants, Non-slip, Closed-Toe Shoes Use dust masks or respirators as appropriate. Goggles/Safety Glasses and Face Shields. Remove jewelry from hands and neck, tie back hair, roll up long sleeves and secure any other loose clothing that could potentially get caught in moving equipment. Wear hearing protection. Use ear protection
Exposure to cutting fluid and fumes	 Dermatitis Inhalation hat 	azard	 Limit skin exposure and wash affected area with soap and water. Use ventilation when operation generates fumes. 	May require use of a respirator. Please vist the informational link on the respirator fit program at <u>http://safetyservices.ucda</u> <u>vis.edu/article/respiratory</u> <u>-protection-program</u>

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July 1, 2016		CNS	Center for Neuroscience	Shop Worker
JOB FUNCTION	POTENTIAL HEALTH OR INJURY HAZARDS	SAFE PRACTICE, OR EQUIPMENT		PERSONAL PROTECIVE EQUIPMENT (PPE)
Use of oils and lubricants	 Spontaneous combustion from wiping cloths saturated with oil Slip hazard from spilled oil and cutting fluids 	 Dispose of oily cloths in safety can. Keep work area clean. Keep away from ignition sources. Keep fire extinguishers up to date. Store in flammable cabinets 		Consult SDS's for details on recommended PPE.
Use of hand tools	Cuts, abrasions, contusions from contact with point of operation	 Use the proper tool for the job Report unsafe tools to the Facility/Safety Manager 		 Wear safety glasses and face shields if there is a risk of flying debris. Consult equipment user guides for any other PPE recommendations.
 Hazardous materials Fumes from solvents, paint Fumes and particulates from epoxy composite fabrication 		 Read and observe information from SDS's. Use adequate ventilation. Keep away from ignition sources. Use approved respirator; training class and medical exam required before use. Keep fire extinguishers up to date. Cover exposed body surfaces when sanding epoxy composites Store in flammable cabinets Dispose waste according to UC Davis Hazardous Waste policies and procedures. 		 Observe recommended use of PPE from SDS's for chemical being used. Consult Safety Net #50- Guidelines for the Selection of Chemical Resistant Gloves.