<b>Effective:</b>	JOB SAFETY ANALYSIS	DEPT:	LOCATION:	JOB TYPE:
1/25/2021		CNS	Center for Neuroscience	Shop Worker
JOB	POTENTIAL HEALTH OR	SAFE PRACTICE	, OR EQUIPMENT	PERSONAL PROTECIVE
FUNCTION	INJURY HAZARDS			EQUIPMENT (PPE)
Instructions for use of all tools- Preparation	<ul><li>Trips/Falls</li><li>Flying Parts</li><li>Bodily Injury</li></ul>	<ul> <li>Make sure are</li> <li>Secure and tig starting.</li> <li>Use proper to</li> </ul>	ghten all parts before ol accessories. place any broken or	<ul> <li>Long pants, Non-slip, Closed-Toe Shoes</li> <li>Dust Mask</li> <li>Goggles/Safety Glasses</li> <li>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.</li> </ul>
Instructions for use of all tools- Use	Fires or Electrical Shocks	<ul> <li>atmospheres.</li> <li>Grounded too properly insta</li> <li>Do not force pif it won't fit.</li> </ul>	tools in explosive  als must be plugged into lled grounded outlets. colarized plugs into an outlet ontact with grounded	<ul> <li>Long pants, Non-slip, Closed-Toe Shoes</li> <li>Dust Mask</li> <li>Goggles/Safety Glasses</li> <li>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.</li> </ul>
	Tangled Parts	• Don't expose conditions.	power tools to rain or wet e plug from power source	
	Bodily Injury		g any adjustments or	
	Eye Injury	• •	oose clothing or jewelry.	
	Back Strain	<ul> <li>Tie long hair.</li> </ul>	3 , ,	
		•	or any eye protection.	
		<ul> <li>Do not overre</li> </ul>		
		Keep feet sho	oulder length apart.	

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JOB		HEALTH OR	SAFE PRACTICE, OR EQUIPMENT		PERSONAL PROTECIVE
FUNCTION	INJUKII	HAZARDS			EQUIPMENT (PPE)
Instructions for use of all tools- After Use	<ul><li>Bodily Injury</li><li>Electrical SI</li></ul>		<ul> <li>Keep sharp cutting edges clean.</li> <li>Lubricate tool, if necessary.</li> <li>Use air compression to clean tool, if necessary.</li> <li>Do not store tools in an area where water can enter.</li> </ul>		<ul> <li>Long pants, Non-slip, Closed-Toe Shoes</li> <li>Dust Mask</li> <li>Goggles/Safety Glasses</li> <li>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.</li> </ul>
General machining and metal fabrication processes using stationary machine tools; (lathe, mill, drill	with point of associated from work p  • Hearing dar	from contact f operation or flying materials art. mage from se above 90dB	machine shop authorization a machine shop this link for trai <a href="https://cnssafe.shop-safety">https://cnssafe.shop-safety</a> • Use tools according	safety.ucdavis.edu/machine- Y according to manufacturer's dation. d use of tools and procedures	<ul> <li>Long pants, Non-slip, Closed-Toe Shoes</li> <li>Dust Mask</li> <li>Goggles/Safety Glasses</li> <li>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.</li> </ul>
	Hours per day	Sound level			
press, and	8	90dB	<ul><li>before comme</li><li>Use correct to</li></ul>	ol for the job and ensure that	Wear hearing protection.
grinders)	6	92dB		od condition before starting	
	4	95dB	Safety Manage  Use the guard	fect tool or machine to	
	3	97dB			
	2	100dB			
	1.5	102dB			
	1	105dB			
	.5	110dB			

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JOB	POTENTIAL HEALTH OR	SAFE PRACTICE,	OR EQUIPMENT	PERSONAL PROTECIVE
FUNCTION	INJURY HAZARDS		-	EQUIPMENT (PPE)

	.25 or less 115dB		
Grinding	<ul> <li>Metal dust, silica dust</li> <li>Noise</li> </ul>	<ul> <li>Use tools according to manufacturer's recommendation.</li> <li>Understand use of tools and procedures before commencing work.</li> <li>Use correct tool for the job and ensure that tools are in good condition before starting work.</li> <li>Report any defect tool or machine to Safety Manager.</li> </ul>	<ul> <li>Long pants, Non-slip, Closed-Toe Shoes</li> <li>Use dust masks or respirators as appropriate.</li> <li>Goggles/Safety Glasses and Face Shields.</li> <li>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.</li> <li>Wear hearing protection.</li> <li>Use ear protection</li> </ul>
Exposure to cutting fluid and fumes	<ul> <li>Dermatitis</li> <li>Inhalation hazard</li> </ul>	<ul> <li>Limit skin exposure and wash affected area with soap and water.</li> <li>Use ventilation when operation generates fumes.</li> </ul>	May require use of a respirator. Please vist the informational link on the respirator fit program at <a href="http://safetyservices.ucdavis.ed">http://safetyservices.ucdavis.ed</a> <a href="http://safetyservices.ucdavis.ed">u/article/respiratory-protection-program</a>

Effective: 1/25/2021 JOB FUNCTION	JOB SAFETY ANALYSIS  POTENTIAL HEALTH OR INJURY HAZARDS	DEPT: CNS SAFE PRACTICE,	LOCATION: Center for Neuroscience OR EQUIPMENT	JOB TYPE: Shop Worker PERSONAL PROTECIVE EQUIPMENT (PPE)
Use of oils and lubricants	<ul> <li>Spontaneous combustion from wiping cloths saturated with oil</li> <li>Slip hazard from spilled oil and cutting fluids</li> </ul>	<ul> <li>Dispose of oily cloths in safety can.</li> <li>Keep work area clean.</li> <li>Keep away from ignition sources.</li> <li>Keep fire extinguishers up to date.</li> <li>Store in flammable cabinets</li> </ul>		Consult SDS's for details on recommended PPE.
Use of hand tools	Cuts, abrasions, contusions from contact with point of operation	<ul> <li>Use the proper tool for the job</li> <li>Report unsafe tools to the Facility/Safety Manager</li> </ul>		<ul> <li>Wear safety glasses and face shields if there is a risk of flying debris.</li> <li>Consult equipment user guides for any other PPE recommendations.</li> </ul>
Hazardous materials	<ul> <li>Fumes from solvents, paint</li> <li>Fumes and particulates from epoxy composite fabrication</li> </ul>	<ul> <li>Use adequate</li> <li>Keep away from</li> <li>Use approved and medical end</li> <li>Keep fire exting</li> <li>Cover exposed sanding epoxy</li> <li>Store in flamm</li> <li>Dispose waste</li> </ul>	om ignition sources. respirator; training class xam required before use. aguishers up to date. d body surfaces when c composites	<ul> <li>Observe recommended use of PPE from SDS's for chemical being used.</li> <li>Consult Safety Net #50- Guidelines for the Selection of Chemical Resistant Gloves.</li> </ul>