



Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

EGX 600



Title	Work Task	Hazards	Controls
Preplan the work	Gather materials to cut	Improper Materials	Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE; ensure material is correct to make sure PPE is correct
	Gather Proper PPE for the job and inspect it (safety glasses, dust mask (certain materials))	Improper PPE inspection/selection	
Before the job	Don necessary PPE	Improper Donning	Improperly donning or not donning PPE can lead to an unnecessary exposure. Ensure all PPE is on correctly and passed inspection

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Title	Work Task	Hazards	Controls
Operating the Machine	Ensure machine has no power running to it	Cut/Puncture/Scrape Hazard	Ensure power is off to the unit when changing head or placing materials
	Place material on the pad and ensure it is in the proper position	Caught in Hazard	Ensure guard is in place and secured
	Ensure the guard is in place and plug in the power source		Wear PPE required throughout the process

	Run the program from the computer When complete, turn the power off to the unit and remove the engraved material from the pad		
Clean Up	Clean the site to ensure area stays clean (do not use compressed air to clean, only manual brushing) Clean and store PPE properly	Improper PPE Storage	Have a cool, dry, and central location to store PPE
Training	Employees must have hands on training in the proper use of this piece of equipment.	Supervisor is to fill out the turn in the form to UNC-CH 'Supervisor Led Training Form' and Environment, Health and Safety for documentation of proper training	
Created By	Cory Kirkland, Facilities Safety Officer		
Referenced Material	Roland EGX 600 Manual		
Contact Info	For more information about this JSA and other JSAs, contact: <i>UNC-CH Department of Environment, Health and Safety</i> 1120 Estes Drive Extension, Chapel Hill NC 27599 CB# 1650 (919) 962-5507 ☎ http://ehs.unc.edu		 