UNC Environment, Health & Safety	Job Safety Safety Information for The Univers JOB SAFETY AN Drilling		
Title	Work Task	Hazards	Controls
Preplan the work	Gather proper tools (Silica dust collection vacuum, manufacturer matching dust collection kit, drill, concrete bits) Gather Proper PPE for the job and inspect it (safety glasses, gloves, safety shoes)	Improper tools Improper PPE inspection/selection	Only use EHS approved tools to ensure silica dust does not get airborne during work Proper inspection of all necessary PPE before starting the job
Before the job	Don necessary PPE Check vacuum to ensure bag is in place and filters are ready to be used	Improper Donning No filter/bag	Improperly donning or not donning PPE can lead to an unnecessary exposure. Ensure all PPE is on correctly and passed inspection Check the unit before work begins

Hazards

Controls

Title

Work Task

Drilling Concrete	Mark area to keep pedestrians clear of potential hazards Locate where the drilling will take place Find a location to plug in the vacuum and ensure it runs Hook up the drilling dust extraction system and turn on the vacuum	Crystall	ine Silica Exposure Hazard Pedestrian Hazard	Ensure table 1 is being followed based on the location of the drilling (indoors/outdoors) Ensure area is marked and clear before work begins Always inspect vacuum before use to ensure it is proper working order with good filters and bags Keep vacuum running for a few seconds after work is complete to help make sure
	Place the drilling dust extraction system over the area to be drilled Drill the hole and allow the vacuum to remove dust Turn off vacuum after it is allowed to run and capture dust			dust is collected
Clean Up	Clean the site to ensure area stays clean (bring out PPE and tools) Clean and store PPE properly Keep tools stored in known and secure location		nproper PPE Storage nproper Tool Storage	Have a cool, dry, and known place to keep PPE and tools
Training	Employees must have hands on train the proper use of this piece of equipr	0 1		

Created By	Cory Kirkland, Facilities Safety Officer				
Referenced Material	DeWalt Self Cleaning HEPA Dust Extractor Manual				
	OSHA Table 1 (Silica Table in 1926)				
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