ENVIRONMENT, HEALTH & SAFETY	Job Safety Safety Information for The Univers JOB SAFETY AN Manual Flushing De (Without Var		
Title	Work Task	Hazards	Controls
Preplan the work	Gather proper tools (collection bucket, hose) Gather Proper PPE for the job and inspect it (safety glasses, gloves, possibly Tyvek suit) Notify EMCS of planned shut down	Improper tools Improper PPE inspection/selection	Using improper tools or parts can lead exposure or injury Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE
Before the job/Site prep	Don necessary PPE Set up hose for testing solenoid valve Set up bucket before flushing	Improper Donning of PPE Trip Hazard	Improperly donning or not donning PPE can lead to an unnecessary exposure. Ensure all PPE is on correctly and has passed inspection Keep bucket under the collection point
			Keep hose flat

TitleWork TaskHazardsControls	
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Flush Tank	Open tank bypass valve	Slips, Trips, and Falls	Keep an eye on the process to avoid
	Close isolation valves (inlet and	Potential Exposure	having the contaminated water get on the floor. Make sure the hose is secure and
	outlet) of tank to be flushed	Improper Collection	there is a collection plan for the contaminated material
	Open breather valve to release the	improper Conection	contaminated material
	vacuum pressure	Improper Storage and labeling	Contact the UNC Hazardous Materials
	Open the access hatch on the tank		Manager (919-962-5509) to obtain the properly labelled container with date and
	and verify contaminant levels		fill out a <u>hazardous waste pick up form</u> . Once storage of material starts the
	Manually open the tank flush valves/hit the washdown button/or rinse with hose and nozzle until drain pipe is full		container must be picked up within one year, even if the container is not at capacity.
	Close flush valves prior to water level reaching hatch level		
	Open ball valve at base of tank or pump flush water through the access hatch into the contamination drum provided by EHS		
	Repeat flushing as needed		
	Place all water collected in small collection bucket into the large properly labelled collection container		
	EHS will test flush water to		
	determine level of contaminants		
	Properly mark waste for disposal and contact EHS for pick up		

Clean Up	Close and secure access hatch		Trip Hazards	Proper housekeeping will help keep t threat of trip hazard down from
	Close breather valve to tank	Ι	mproper Doffing	unsuspecting ME room users and stor properly will increase the life of the h
	Open the tank inlet and outlet valves	Im	proper PPE Storage	Improper doffing can lead to exposur
	Close the tank bypass valves			hazards if the employee comes in con with certain materials
	Unhook hose, roll up, and take back to store properly			Improper PPE storage can lead to a shorter PPE life span or PPE that is not find the shorter that is not shorter that the shorter that is not shorter that is not shorter that is not shorter that the shorter the shorter that the shorter the shorter that the shorter th
	Doff PPE			effective in the future
	Store PPE			
Training	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 Safe for documentation of proper training	
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	Kevin Sloan, HVAC Auxiliaries Supervisor			
	David Catalano Updated July 2020			

Referenced Material			
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