Mechanical Sumps and Pits Permit Required Confined Space Entry Permit										
1. Mechanical Sumps and Pits Entry Procedure and Permit  **All shaded areas must be completed by the Entry Supervisor or Entrant**										
2. Work to be	Performed and Lo			3. Date Issued: / /						
				Time Issued: : □ a.m. □ p.m.						
4. Permit Space Hazards (X = Potential Hazard or Testing Requirement)						. 133ucu.		D.III.		
Х	Oxygen - hazardo than or equal to 2		n or equal to 19.5%	OR greater	Mechanical Hazards (Pneumatic, Hydraulic, Electrical, Chemical, Steam, Falling Objects, Etc.)					
X Flammable Gases or Vapors - haz LFL / LEL.			ardous when greater	than 10% of		Engulfme	Engulfment Potential			
X Hydrogen Sulfide - hazardous whe			n greater than 10 PF	PM	Х	Physical	Physical Hazards - (bees, insects, spiders, heat during the summer)			
Carbon Monoxide - hazardous when for when welding or near a fuel comb						Confined	Confined Space Configuration, Layout or Arrangement			
	Other Toxics:			,						
5. Additional	Permits or Form	s (Please attach	if required)							
Hot Work Permit: □YES □NO □N/A LOTO / Hazardous Energy Control Procedure: □YES □NO □N/A Other:										
6. Equipment Required for Entry & Work (Check box when complete)										
□ <b>PPE</b> Eye protection,			body harness, other PPE for heat if necessary (gloves, long sleeves, etc.)							
☐ Atmospheric Testing 4-Gas Meter re space.		quired for testing. Test atmosphere in sump/pit by checking the atmosphere at all levels from the bottom to the top of the								
,			r this space under normal atmospheric conditions. If levels are outside limits, ventilate space before entry.							
			is required before and during entry unless the space is proven to be free of atmospheric hazards or no atmospheric cur due to work operations or sump/pit conditions.							
			ripod with 4-way hauling system to pull out entrant in the event of an emergency. Entrant must wear harness and be le 4-way hauling system.							
7. Communicat	tion method used b	by attendants and	entrants (Check all that apply)  8. Confined Space Rescue  The assigned confined space attendant is responsible for evacual						vacuating entrants in	
□ Ra	dio			the event of an emergency by means of vocal come equipment used for the entry. At no time will the att				unication or retrieval		
□ Voice					space. In the	In the event the attendant is unable to evacuate the entrant(s), the tte Fire Department will be notified by UNC Charlotte Police Dispatch at				
□ Otl	ner		704-687-2200 to provide rescue assistance. Upon the arrival of resc personnel, the attendant should brief the rescuers of any notable inf						al of rescue	
9. Authorized Entrants (List by name)					10. Authorized Attendants (List by name)					
11. Preparation for Entry (Check boxes when complete)										
	Notify affected department of service interruption and comple				e Confined Space Entry Permit and any other required permits and forms.					
	Inspect all required equipment, tools and PPE prior to entry. Barricade entry operations.					e the area to prevent unauthorized entry or access. Setup necessary equipment for				
						us Energy Control Procedure. All energy sources (steam, electrical, natural gas, n be completed with no risk of energy release to the entrant.				
	Sign in Authorized Entrants in Step 9 and Sign in Attendants in Step 10.									
		e a preliminary atmospheric reading with approved 4-gas meter and record reading on Step 12. Atmosphere should be continuously tested during y. Periodically record sample readings in Step 12. Air ventilation is required before and during entry into the sump/pit.								
	Upon eliminating or controlling all hazards and the Entry Supervisor signing Step 13, proceed to make entry.									
12. Atmosphere Testing Record Acceptable Conditions			Pre-Entry Results	Entry #1 Resu	ılts Er	ntry #2 Results	Entry #3 Results	Entry #4 Results	Entry #5 Results	
Time of Sampling										
CH <sub>4</sub> – Methane - Less than 10% of LEL / LFL										
O <sub>2</sub> - Oxygen Range - Minimum allowable = 19.6% to Maximum allowable = 23.4%										
H₂S - Hydrogen Sulfide - < than 10 PPM										
CO - Carbon Monoxide - < than 35 PPM										
Other Toxic:										
Tester Initials	S									
13. Authorization by Entry Supervisors  I certify that all required precautions have been taken and necessary equipment is provided for safe entry and work in this mechanical sump/pit confined space.										
			ınature	Date			Time	□a.m. □p.m.		
14. Permit Ca	ncellation (Compl	ete at the end of	job not to exceed 2	24 hours)		ı	Date	Time	□a.m. □p.m.	