Electrical Vaults Permit Required Confined Space Entry Permit											
1. Electrical Vaults Entry Procedure and Permit **All shaded areas must be completed by the Entry Supervisor or Entrant**											
2. Work to b	e Performed and L	ocation:			3. Date Issued: / /						
				Time Issued: : □ a.m. □ p.m.							
4. Permit Sp	ace Hazards (X = F	Potential Hazard o	r Testing Requireme	nt)		0 135404	•		.		
Х	Oxygen - hazardous when less than or equal to 19.5% OR greater than or equal to 23.5 %.							cal Hazards (Pneuma alling Objects, Etc.)	atic, Hydraulic, Electr	ical, Chemical,	
х			ardous when greater	r than 10% of				ent Potential			
X Hydrogen Sulfide - hazardous whe			en greater than 10 PF		Р	Physical Hazards - (bees, insects, spiders, heat during th			iring the summer)		
Carbon Monoxide - hazardous when for when welding or near a fuel com					С	Confined Space Configuration, Layout or Arrangement					
	Other Toxics:										
5. Additional Permits or Forms (Please attach if required)											
Hot Work Permit: DYES DNO DN/A LOTO / Hazardous Energy Control Procedure: DYES DNO DN/A Other:											
6. Equipment Required for Entry & Work (Check box when complete)											
			body harness, fire retardant clothing, other PPE per NFPA 70 arc flash standard.								
Atmospheric Testing Atmospheric Testing Atmospheric Testing			quired for testing. Test atmosphere in vault by using stratified method of checking atmosphere at different levels within the								
Respiratory Protection Not required for			this space under normal atmospheric conditions. If levels are outside limits, ventilate space before entry.								
			equired if the 4-gas meter indicates that a hazardous atmosphere is present or will occur from work operations.								
Rescue E	quipment	Not required un incapacitated.	der normal condition	ler normal conditions. Attendant should be ready to call for help in the event that the entrant is injured or becomes							
		by attendants and	entrants (Check all th	nat apply)	8. Con	fined Sp			lant is responsible for e	vacuating entrants in	
R	adio						The assigned confined space attendant is responsible for evacuating entrants in the event of an emergency by means of vocal communication or retrieval equipment used for the entry. At no time will the attendant enter the confined				
					spac Chai	space. In the event the attendant is unable to evacuate the entrant(s), the Charlotte Fire Department will be notified by UNC Charlotte Police Dispatch at					
□ Other				704-687-2200 to provide rescue assistance. Upon the arrival of rescue personnel, the attendant should brief the rescuers of any notable information.							
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 complete the Confined Space Entry Permit and any other required permits and forms. Barricade the area to prevent public access. Check the vault hatch for elevated temperature and pressure by touching and lifting the lid slightly.								ms. Barricade the		
			bols and PPE prior to entry. Barricade the area to prevent unauthorized entry or access. Setup necessary equipment for								
All electrical hazards must be full			y controlled or eliminated before entry into the vault. High voltage equipment energy control may be needed which PPE and training. Ensure that all hazardous energy is isolated per the specific Hazardous Energy Control Procedure.								
		p 9 and Sign in Attendants in Step 10.									
	than air and wil	in a stratified method (from bottom of manhole to the top). Record sample readings on Step 12. Some gases are heavier on of the vault. Testing continuously during entry. Periodically record sample readings in Step 12. Ventilation is required if reduce threachers is present or will see the unrel same transmission of the value.									
			ardous atmosphere is present or will occur from work operations. I hazards and the Entry Supervisor signing Step 13, proceed to make entry.								
12. Atmosphere Testing Record Acceptable Conditions			Pre-Entry Results	Entry #1 Resu	ults Ei	ntry #2 R	esults	Entry #3 Results	Entry #4 Results	Entry #5 Results	
Time of Sampling											
CH ₄ – Methane - Less than 10% of LEL / LFL											
O2 - Oxygen Range - Minimum allowable =											
19.6% to Maximum allowable = 23.4% H ₂ S - Hydrogen Sulfide - < than 10 PPM											
CO - Carbon Monoxide - < than 35 PPM											
Other Toxic:											
Tester Initials											
13. Authorization by Entry Supervisors											
I certify that a	all required precaution	ons have been tak		cessary equipment is provided for safe entry and work in th							
Printed Nam			gnature			C	late	Time	□a.m. □p.m.		
14. Permit C	ancellation (Comp	lete at the end of	f job not to exceed 2	24 hours)			I	Date	Time	□a.m. □p.m.	
This permit must be posted at the job site – One Copy to Department's File and One Copy to EHS Office (Fax 7-5302 or EHS Building)											