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 be Performed and Location:						3. Date Issued: / /					
			Time Issued: : □ a.m. □ p.m.								
4. Permit Space Hazards (X = Potential Hazard or Testing Requirement)											
Х	Oxygen - hazarde		n or equal to 19.5%	OR greater)	X		cal Hazards (Pneuma alling Objects, Etc.)	atic, Hydraulic, Electri	cal, Chemical,	
Х	Flammable Gase	ardous when greater	than 10% of				ent Potential				
X Hydrogen Sulfide - hazardous whe			un groater than 10 DE	DNA					acts spidors hoat du	ring the summer)	
Carbon Monoxide - hazardous when			_				Physical Hazards - (bees, insects, spiders, heat during the summer) Confined Space Configuration, Layout or Arrangement				
for when welding or near a fuel comb			istion source (cars, utility carts, etc.)						n, Layout or Arrangen	nent	
E Additions	Other Toxics:	- /DI	if an environal)								
5. Additional Permits or Forms (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)											
□ PPE											
□ Atmospi	neric Testing	quired for testing. Test atmosphere in vault by using stratified method of checking atmosphere at different levels within the									
	ry Protection	space. Not required for	this space under normal atmospheric conditions. If levels are outside limits, ventilate space before entry.								
	on Equipment	quired if the 4-gas meter indicates that a hazardous atmosphere is present or will occur from work operations.									
Not required under normal conditions. Attendant should be ready to call for help in the event that the entrant is injured or become								or becomes			
7. Communication method used by attendants and entrants (Check all that apply) 8. Confined Space Rescue											
□ 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					
□ Ve	Voice					sp	equipment used for the entry. At no time will the attendant enter the confined 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				
□ O	ther					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.									ns. Barricade the	
	Inspect all requi	entry. Barricado	ade the area to prevent unauthorized entry or access. Setup necessary equipment for								
	All electrical hazards must be fully controlled or eliminate				e entry into the vault. High voltage equipment energy control may be needed which Ill hazardous energy is isolated per the specific Hazardous Energy Control Procedure.						
							0.				
	Test the atmosphere of the vault in a stratified method (from bottom of manhole to the top). Record sample readings on Step 12. Some gases are heaving than air and will settle in the bottom of the vault. Testing continuously during entry. Periodically record sample readings in Step 12. Ventilation is required 4-gas meter indicates that a hazardous atmosphere is present or will occur from work operations.							,			
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	ults I	Entry #2	Results	Entry #3 Results	Entry #4 Results	Entry #5 Results	
Time of Sampling											
CH ₄ – Methane - Less than 10% of LEL / LFL											
O ₂ - 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 Printed Name	quipment is prov	vided for safe entry and work in this electrical va Date				ault confined space. Time	□a.m. □p.m.				
14. Permit Cancellation (Complete at the end of job not to exceed 24 hours)							-	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)											