APPENDIX C

Confined Space Hazard Assessment Form

Nova Southeastern University Confined Space Hazard Assessment							
Space Location:	Assessment Date:/_/						
Department: Confined Space Description:	_						
Commen Space Description.	Space #:						
1. CONFINED SPACE CLASSIFICATION - must meet criteria							
□ Permit-Required Confined Space	□ Confined Space (non-permit) (EH&S approval)						
 contain or has potential to contain a hazardous atmosphere 	 is large enough or so configured that an employee can bodily enter and perform 						
 contains a material that has the potential for engulfing an entrant 	work o has limited or restricted means for entry						
 has the internal configuration that 	or exit						
an entrant could be trapped or asphyxiated	 is not designed for continuous employee occupancy 						
 contains any other recognized serious health or safety hazard 	□ Not a Confined Space						
□ Entry Under Alternate Procedure							
(EH&S Approval)							
2. CONFINED SPACE DESCRIPTION AND ENTRY							
Space Access: At Ground/Floor Level	☐ Below Ground/Floor Level ☐ Elevated						
Entry Points: Top	□ Side □ Bottom						
Location: Indoor Outdoor: give reference points Dimensions: V V (fact)							
Dimensions: X X (feet) No. of Access Openings: (Reference Points and Distance)							
Means or Access Into Space: Departable Lade	ler Existing Ladder						
□ Stairwell	 Above Ground Hand Hold Provided. 						
□ Horizontal	□ Elevated						
□ Vertical	Other:						
3. ENTRY PARAMETERS							
Primary Reason for Entry:	aintenance Inspection Cleaning						
☐ Maintenance Ro	•						
Entry Frequency: Daily	Weekly Monthly Other:						
4. PERSONAL PROTECTIVE EQUIPMENT - required							
□ Hard hats □ 0	Hoves Hearing protection / ear plugs						
-	afety glasses Goggles						
☐ Air supplied respirator - SCBA or line fed ☐ Air purifying respirator ☐ Other:							

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5. HAZARD IDENTIFICATION Hazard Severity Hazards Source/Type Quantity & Quality Abatement (Rate 1 to 5) Method Explosive Atmosphere LFL Oxygen Levels % Combustible Material Electrical Circuits Toxic Material Thermal Hazards Machinery Slip / Fall Hazards Engulfment Hazards Entrapment Hazards Configuration Hazards Content Hazards □ Interior shape or slope □ Decomposing organic matter □ Low overhead clearance Shifting content Drop offs □ Content fill or removal □ Complex layout Dust Structural integrity ☐ Inerting agents (Nitrogen, Argon, Carbon Dioxide) □ Compartmentalized □ Elevated work surfaces Environmental Hazards Sharp surfaces □ Noise □ Vibration Inwardly converging walls Maneuverability □ Damp / wet conditions □ Structural integrity □ Snakes / rodents / insects □ Falling objects / suspended loads □ Fire suppression systems Potential Energy Sources □ Poor illumination/visibility Electrical □ Hydraulic □ Asbestos □ Pneumatic □ Others: Mechanical Steam External Hazards Piping systems □ Traffic Spring actuated □ Work in neighboring compartments □ Gravity □ Terrain Others: □ Weather □ Processes □ Others:

6. VENTILATION REQUIREMENTS

Confined space - volume in cubic feet

Natural circulation - additional ventilation may be required for worker comfort, hot work, grinding or other operations that would produce airborne fumes, mist or dust.

Mechanical ventilation required for venting hazardous atmospheric contaminants

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6. VENTILATION REQUIREMENTS						
	Supply		Exhaust		Local	
Volume CU/FT per Min Volume CU/FT per Min Volume CU/FT per Min Ventilation Formulas & Requirements						
	20 Air Changes Per Hour (ACH) required for duration of entry to ACH = Space volume X 20		Adequate Blower Capacity (ABC) ABC = Space Volume x 20 ACH 60 Minutes		Initial Purge Time 7.5 x Space volume Effective Blower Capacity	
7. RESCUE & SAFETY EQUIPMENT						
	Body harness		Life line		Winch	
	Tripod		Blower		Vent trunks	
	Ladder		Portable lighting		Manhole hooks	
	Emergency retrieval line		First aid kit		Fire extinguisher	
	Traffic cones		Vent saddle		Emergency escape respirators	
8. COMMUNICATION						
Wireless Radio		Line Radios	Verbal from access			
9. RESCUE PROCEDURES						
Self Rescue			Non-entry Rescue		Rescue team entry	
10. SPECIAL HAZARDS / REQUIREMENTS / NOTES						
			EVALUATORS			
NAM	E: print legibly		TITLE		DATE: dd/mm/yy	
NAM	fE: print legibly		TITLE		DATE: dd/mm/yy	
NAM	Œ: print legibly		TITLE		DATE: dd/mm/yy	

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