



Ohio Lumex Co., Inc.
 Ei800, Ei2800 Application Questionnaire



Site Name/Designation		Site				
Number of Sample Points						
Raw Biogas	Minimum Pressure (PSIG)					
	Gas Matrix	CH4				
		CO2				
		H2S				
		O2				
	Sample Pipe Diameter (IN)					
Sample Temperature (°F)						
Sample Line Length (FT)						
Product Gas	Minimum Pressure (PSIG)					
	Gas Matrix	CH4				
		CO2				
		H2S				
		O2				
	Sample Pipe Diameter (IN)					
Sample Temperature (°F)						
Sample Line Length (FT)						
Site Atmospheric Conditions - °F						

GC Components	Explosionproof Enclosure					
	Junction Box					
	Inert Coating for High H2S					

Measurements	Group 1	CH4, C2, C3+				
	Group 2	CO2				
		CO				
		O2				
		H2				
		N2				
		He				
		H2S				
		COS				
	Group 3	C3, C4, C5, C6+				
		Methyl Ethyl Sulfide				
		Dimethyl Sulfide				
		Methyl Mercaptan				
		Ethyl Mercaptan				
		Isopropyl Mercaptan				
		Tertiary Butyl Mercaptan				
		Propyl Mercaptan				
	Group 4	C6, C7, C8, C9+				
		H2O				
		BTEX				
		Diethyl Sulfide				
	Thiophene					
	Isobutyl Mercaptan					
	Tetrahydrothiophene (THT)					
	Butyl Mercaptan					

Integrated System Components	Enclosure, Integration						
	Vacuum Eductor System						
	Sample/Calibration Ports	Sample Ports					
		Condensing					
		Non-Condensing					
		Calibration Ports					
	Additional Port Module						
	Moisture Separator						
	Air Conditioner						
	Air Conditioner Prep						
	Cabinet Cooling Fan						
	Cabinet Heater						
	Heated Sample Line	Length (feet) - Line 1					
		Length (feet) - Line 2					
		Length (feet) - Line 3					
	Heated Exhaust Line						
	Probes	100 Probe (Low Pressure)					
200 Probe (High Pressure)							