



Leaders in Biogas Technology

SYSTEM DESIGN CHECKLIST

PROJECT INFORMATION	
Customer Name:	
Project Name:	
Project Location:	

SITE CONDITIONS	
Minimum Ambient Temperature:	°F
Maximum Ambient Temperature:	°F
Site Elevation:	'AMSL
Location of Gas Conditioning Equipment:	Indoor/Outdoor
Location of Electrical Equipment:	Indoor/Outdoor
Pipeline Injection Projects:	Injection Point Location
Space Available:	W x L x H
Electric Service Available:	480V/3Ph/60Hz

INLET GAS CONDITIONS	
Source of the Gas:	Landfill/Digester/Storage Sphere
Gas Flow Rate:	SCFM
Gas Vacuum/Pressure:	"WC/PSIG
Gas Temperature:	°F
Relative Humidity:	%
Methane:*	%
Carbon Dioxide:*	%
Nitrogen:*	%
Oxygen:*	%
Hydrogen Sulfide:*	PPMV
Siloxanes:*	PPBV

*Attach Gas Testing Report If Available

DISCHARGE GAS CONDITIONS: FOR PIPELINE INJECTION PROJECTS PLEASE ATTACH UTILITY TRAFF	
End Use Equipment:	Engine/Turbine/Boiler/Vehicle
Gas Pressure:	"WC/PSIG
Gas Temperature:	°F
Dew Point Temperature:	°F
Hydrogen Sulfide:	<PPMV
Siloxanes:	<PPBV
Particulate Removal:	Micron

GENERAL CONDITIONS	
Redundancy Required:	Blower/Compressor/Media Vessel
Materials of Construction:	304 SS/316 SS

If Downloaded From Unison's Website E-mail Completed Form To: sales@unisonsolutions.com