



SYSTEM DESIGN CHECKLIST

PROJECT INFORMATION	
Customer Name and Phone Number:	
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 or 600V/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
Volatile Organic Compounds (VOCs)*		

*Attach Gas Testing Report If Available

DISCHARGE GAS CONDITIONS: FOR PIPELINE INJECTION PROJECTS PLEASE ATTACH UTILITY TRAFF		
End Use Equipment:		Engine/Turbine/Boiler/Vehicle/LGEN
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 the completed form to: sales@unisonsolutions.com