

Company

Contact name _____ Title _____

Address _____

City _____ State _____ Zip code _____ Country _____

Office phone _____ Mobile _____

Fax _____ E-mail _____

Project Name & Reference No: _____

PROCESS DESIGN CONDITIONS

Item	Description	Check Unit Used		Values			
				normal	maximum	minimum	design
01	Inlet Gas Flow Rate	<input type="checkbox"/> m ³ /d	<input type="checkbox"/> MMSCFD				
02	Inlet Pressure	<input type="checkbox"/> Bar	<input type="checkbox"/> psig				
03	Inlet Temperature	<input type="checkbox"/> C	<input type="checkbox"/> F				
04	Inlet Composition						
	a) CO ₂	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	b) Ethane	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	c) Propane	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	d) I-Butane	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	e) N-Butane	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	f) I-Pentane	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	g) N-Pentane	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	h) Hexane Plus	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	i) BTEX	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	j) Water	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	k) H ₂ S	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	l) N ₂	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	m) H ₂	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	n) He	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	o) O ₂	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
05	Outlet Composition Desired						
	a) CO ₂	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	b) H ₂ S	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				
	c) Water	<input type="checkbox"/> mol%	<input type="checkbox"/> ppm				

APPLICATION

Gas Sweetening

MECHANICAL DESIGN CONDITIONS

Item	Description	Check Unit Used		Values			
				normal	maximum	minimum	design
M1	Design Pressure	<input type="checkbox"/> Bar	<input type="checkbox"/> psig				
M2	Design Temperature	<input type="checkbox"/> Bar	<input type="checkbox"/> psig				
M3	Corrosion Allowance	<input type="checkbox"/> mm	<input type="checkbox"/> inch				
M4	Radiography	<input type="checkbox"/> Spot	<input type="checkbox"/> Full				
M5	Materials of Construction	<input type="checkbox"/> Cs	<input type="checkbox"/> Alloy				
M6	NACE Applicability	<input type="checkbox"/> Yes	<input type="checkbox"/> No				
M7	Power Available	<input type="checkbox"/> 60Hz	<input type="checkbox"/> 50Hz				
M8	Instrument Air	<input type="checkbox"/> Bar	<input type="checkbox"/> psig				

POTENTIAL CONTAMINANTS

<input type="checkbox"/> Amines	<input type="checkbox"/> O ₂ Scavenger
<input type="checkbox"/> Glycol	<input type="checkbox"/> H ₂ S Scavenger
<input type="checkbox"/> Compressor Oil	<input type="checkbox"/> Solids
<input type="checkbox"/> Upstream Chemicals	<input type="checkbox"/> Corrosion Inhibitor

APPLICATION

<input type="checkbox"/> CO ₂ Removal	<input type="checkbox"/> H ₂ S Removal
<input type="checkbox"/> Fuel System	<input type="checkbox"/> Retrofit
<input type="checkbox"/> Amine Upgrade	<input type="checkbox"/> Other

SPECIAL REQUIREMENTS AND COMMENTS:

FOR MORE INFORMATION

Contact your nearest ProSep Inc., office.

www.prosepinc.com