



GAS COMPRESSOR UNIT

Client: _____ Date: _____

Project: _____ Contact: _____

Location: _____ PSL Reference: _____

1. SITE CONDITIONS

1. _____

Ambient Temperature: F _____

Design Wind Speed - mph _____

Elevation - feet ASL _____

Earthquake Zone _____

2. PROCESS DATA

2. _____

2.1 Gas Composition

2.1 _____

<u>Component</u>	<u>Mole %</u>	_____
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N ₂	_____	_____
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CO ₂	_____	_____
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H ₂ S	_____	_____
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C ₁	_____	_____
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C ₂	_____	_____
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C ₃	_____	_____
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iC ₄	_____	_____
nC ₄	_____	_____
iC ₅	_____	_____
nC ₅	_____	_____
C ₆	_____	_____
C ₇₊	_____	_____
TOTAL	_____	_____

Gas Molecular Weight: _____

2.3 Flowrates 2.3 _____

- Gas: _____
- Minimum x MMSCFD _____
 - Maximum x MMSCFD _____
 - Normal x MMSCFD _____

Maximum Free _____

Water: BBL/D _____

Slug Volume: BBL _____



2.4 Inlet Conditions

2.4 _____

Operating Pressure:

- Minimum PSIG _____

- Maximum PSIG _____

- Normal PSIG _____

Operating Temperature:

- Minimum F _____

- Maximum F _____

- Normal F _____

2.5 Discharge Conditions

2.4 _____

Compressor Outlet Pressure:

- Minimum PSIG _____

- Maximum PSIG _____

- Normal PSIG _____



3. MECHANICAL DATA

3. _____

3.1 Design Conditions

3.1 _____

Gas Engine or Electric Motor Drive

Design Pressure: kPag _____

Design Temperature F _____

Vessel Corrosion

Allowance: inches _____

Piping Corrosion

Allowance: inches _____

3.2 Instrumentation

3.2 _____

Pneumatic Controls: _____

Yes/No _____

Instr. Gas _____

Instr. Air _____

Supply Pressure: KPa _____

Electric Controls:

Yes/No _____

Voltage _____

Utilities Available:

Electric Power _____



Voltage	_____	_____
Phase	_____	_____
Cycle	_____	_____
Maximum Load KW	_____	_____

3.3	<u>Buildings</u>		3.3	_____
	Required: Yes/No	_____		_____
	Controls Only	_____		_____
	Total Skid	_____		_____

3.4	<u>Size Limits:</u>	(Shipping)	3.4	_____
	Max. Height: ft.	_____		_____
	Max. Width: ft.	_____		_____
	Max. Length: ft.	_____		_____
	Max. Weight: lbs.	_____		_____