



VAPOUR RECOVERY PLANTS

Client: _____ Date: _____

Project: _____ Contact: _____

Location: _____ PSL Reference: _____

1. PROCESS DATA

1. _____

1.1 Gas Flowrate

1.1 _____

Source: _____

Maximum - SCFD _____

Minimum - SCFD _____

1.2 Inlet Free Liquids

1.2 _____

Source: _____

HC - Bbl/MMSCF _____

H₂O - Bbl/MMSCF _____

1.3 Inlet Pressure

1.3 _____

Maximum - psig _____

Minimum - psig _____

1.4 Inlet Temperature

1.4 _____

Maximum - F _____

Minimum - F _____

1.5 Gas Composition

1.5 _____

<u>Component</u>	<u>Mole %</u>
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He _____

N₂ _____

CO₂ _____

H₂S _____

C₁ _____

C₂ _____

C₃ _____

iC₄ _____

nC₄ _____

iC₅ _____

nC₅ _____

C₆ _____

C₇ _____

C₈+ _____

Total _____

1.6 Liquid Composition 1.6 _____

<u>Component</u>	<u>Mole %</u>	_____
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He	_____	_____
----	-------	-------

N ₂	_____	_____
----------------	-------	-------

CO ₂	_____	_____
-----------------	-------	-------

H ₂ S	_____	_____
------------------	-------	-------

C ₁	_____	_____
----------------	-------	-------

C ₂	_____	_____
----------------	-------	-------

C ₃	_____	_____
----------------	-------	-------

iC ₄	_____	_____
-----------------	-------	-------

nC ₄	_____	_____
-----------------	-------	-------

iC ₅	_____	_____
-----------------	-------	-------

nC ₅	_____	_____
-----------------	-------	-------

C ₆	_____	_____
----------------	-------	-------

C ₇	_____	_____
----------------	-------	-------

C ₈₊	_____	_____
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Total	_____	_____
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1.7 Outlet Pressure 1.7 _____

(Residue Gas) _____

psig (Pipeline Pressure) _____

to Flare _____



1.8 Site Conditions

1.8 _____

Ambient Temperature: _____

Maximum - F _____

Minimum - F _____

Site Evaluation:

- Ft. ASL _____

Earth Quake Zone _____

Design Wind Loads - MPH _____

1.9 Plant Purpose

1.9 _____

a) Maximize Liquids _____

b) Control Dewpoint _____

2. PRODUCT DATA

2. _____

2.1 Sales Gas (To Pipeline)

2.1 _____

H.C. Dewpoint Required _____

F _____

at - psig _____

2.2 Sales Gas (To Pipeline)

2.2 _____

Water Content: _____

pounds/MMSCF _____

2.3 Heating Value (Sales Gas) 2.3 _____

BTU/SCF _____

(Maximum/Minimum) _____

Net _____

Wet _____

Gross _____

Dry _____

2.4 Liquid Product Required 2.4 _____

Stabilized Condensate _____

(C₃+) _____

RVP Required _____

LPG Mix (C₃+) _____

Fractionation _____

(Attach Specifications) _____

2.5 Residue Gas (Off Tower) 2.5 _____

Recycle To: _____

a) Inlet _____

b) Sales _____

Send To: _____

a) Flare _____

b) Vent _____

3. MECHANICAL DATA

3. _____

3.1 Plant Design Pressure

3.1 _____

psig _____

3.2 Corrosion Allowance

3.2 _____

inches _____

3.3 Power Available

3.3 _____

Yes/No _____

Volts/Phase/Hertz _____

Power Regeneration

Required _____

3.4 Controls

3.4 _____

Pneumatic _____

Instrument Air _____

Compressor _____

Electric _____

Dry Natural Gas _____

for Controls _____

3.5 Alarms

3.5 _____

Transmission _____

Gas _____

Local _____

Fire _____

3.6 Metering

3.6 _____

Sales Gas _____

Recycle _____

Inlet Gas _____

Liquids to Storage _____

Flare Volume _____

LACT _____

3.7 Heating System (Process)

3.7 _____

Direct Fired Reboilers _____

Glycol (Indirect System) _____

Mounted On Skid _____

Mounted Off Skid _____

Other _____



3.8 Building Required

3.8 _____

Yes/No _____

3.9 Storage

3.9 _____

C₅+ Atmos. - Tank

- # Days/Bbl's _____

C₃+ LGP Bullet

- # Days/Bbl's _____

4. SIZE LIMITS

(Shipping)

4. _____

Max. Height: ft. _____

Max. Width: ft. _____

Max. Length: ft. _____

Max. Weight: lbs. _____
