



***ELECTRICAL DESALTER 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. \_\_\_\_\_

Crude Type \_\_\_\_\_

Crude Gravity, API \_\_\_\_\_

Crude Viscosity:

@ °F \_\_\_\_\_

@ °F \_\_\_\_\_

Crude Rate, BPSD \_\_\_\_\_

Crude BS&W, Vol. % \_\_\_\_\_



Salt Content, ptb \_\_\_\_\_  
\_\_\_\_\_

Process Water Available:

Water Source \_\_\_\_\_

Rate Available \_\_\_\_\_

Chloride Content, ppm \_\_\_\_\_

pH Temperature, °F \_\_\_\_\_

Power Supply:

Volts \_\_\_\_\_

Amps \_\_\_\_\_

Hz \_\_\_\_\_

Product Specifications: salt out, ptb

BS&W, Vol. % \_\_\_\_\_

INQUIRY DATA SHEET – DESALTER

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2.2 Inlet Conditions

2.2 \_\_\_\_\_

Operating Pressure:

\_\_\_\_\_

- Minimum PSIG \_\_\_\_\_

\_\_\_\_\_

- Maximum PSIG \_\_\_\_\_

\_\_\_\_\_

- Normal PSIG \_\_\_\_\_

\_\_\_\_\_

Operating Temperature: \_\_\_\_\_

- Minimum F \_\_\_\_\_

- Maximum F \_\_\_\_\_

- Normal F \_\_\_\_\_

### 3. MECHANICAL DATA

3. \_\_\_\_\_

#### 3.1 Design Conditions

3.1 \_\_\_\_\_

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 Buildings

3.3 \_\_\_\_\_

Required: Yes/No \_\_\_\_\_

\_\_\_\_\_



Controls Only \_\_\_\_\_

Total Skid \_\_\_\_\_

3.4 Size Limits: (Shipping) 3.4 \_\_\_\_\_

Max. Height: ft. \_\_\_\_\_

Max. Width: ft. \_\_\_\_\_

Max. Length: ft. \_\_\_\_\_

Max. Weight: lbs. \_\_\_\_\_