



COMPLETE PACKAGE TECHNOLOGY (2000) LTD.

# EQUIPMENT LIST

Client: Devon Canada Corporation  
 Project: Elmworth Gas Field Development  
 P.O. FAC 031203 Rev. 1

Product Description: 4 - 1.75 MMBTU/Hr Indirect-Fired Line Heater Skid Packages

COMPACT 2000 Quote: 6882 Rev. 0  
 Reference Drawings: CPT03-6882-001 Rev. 1 - P&ID  
 CPT03-6882-100 Rev. 2 - Piping Plan and Sections

Revision	Description	Date	By	Checked
A	Issued for Approval	03 11 07	PSE	
0	Issued for Construction	03 11 20	PSE	
1	As Built	04 03 01	PSE	

## 1.0 SOUR LINE HEATER PACKAGE SPECIFICATIONS

### 1.1 Indirect Fired Heater

Tag	Qty	Description
-----	-----	-------------

V-100	1	<p><b>INDIRECT FIRED 1.75 MMBTU/HR LINEHEATER</b></p> <p><u>Heater Shell</u>: 54" OD x 20' - 0" long  <u>Expansion Pot</u>: 24" OD x 8' - 0" long</p> <p><u>Preheat Coil</u>: Eight (8) passes (each 20 ft long) of 3" Sch XXH, 2500 ANSI RTJ connections, MAWP 5,000 psig @ 200°F, 3.2 mm corrosion allowance</p> <p><u>Reheat Coil</u>: Six (6) passes (each 20 ft long) of 3" Sch 80, 600 ANSI RF connections, MAWP 1,350 psig @ 200 °F, 3.2 mm corrosion allowance</p> <p><u>Distillate Heating Coil</u>: Ten (10) passes (each 20 ft long) of 2" Sch 80, 600 ANSI RF connections, MAWP 1,350 psig @ 200°F, 1.6 mm corrosion allowance</p> <p><u>Firetube</u>: 16" OD x 20' - 0" long, 5-piece mitre, 10,000 BTU/hr/ft<sup>2</sup> design heat flux rate</p> <p><u>Burner</u>: Zirco Model FAH 32/18-16A(2), Flame Arrested Burner 1,750,00 BTU/hr(Net), two piece (hinged door) aluminum construction, to fit a 16" firetube, c/w 3" Eclipse air-gas mixer, 4 sticktite nozzles, Natco pilot, side hinge &amp; gas conn.</p>
-------	---	---



COMPLETE PACKAGE TECHNOLOGY (2000) LTD.

## EQUIPMENT LIST

Client: Devon Canada Corporation  
 Project: Elmworth Gas Field Development  
 P.O. FAC 031203 Rev. 1

Product Description: 4 - 1.75 MMBTU/Hr Indirect-Fired Line Heater Skid Packages

COMPACT 2000 Quote: 6882 Rev. 0  
 Reference Drawings: CPT03-6882-001 Rev. 1 - P&ID  
 CPT03-6882-100 Rev. 2 - Piping Plan and Sections

Revision	Description	Date	By	Checked
A	Issued for Approval	03 11 07	PSE	
0	Issued for Construction	03 11 20	PSE	
1	As Built	04 03 01	PSE	

### 1.0 SOUR LINE HEATER PACKAGE SPECIFICATIONS

#### 1.1 Indirect Fired Heater

Tag	Qty	Description
V-100	1	<p><b>INDIRECT FIRED 1.75 MMBTU/HR LINEHEATER</b></p> <p><u>Heater Shell</u>: 54" OD x 20' - 0" long  <u>Expansion Pot</u>: 24" OD x 8' - 0" long</p> <p><u>Preheat Coil</u>: Eight (8) passes (each 20 ft long) of 3" Sch XXH, 2500 ANSI RTJ connections, MAWP 5,000 psig @ 200°F, 3.2 mm corrosion allowance</p> <p><u>Reheat Coil</u>: Six (6) passes (each 20 ft long) of 3" Sch 80, 600 ANSI RF connections, MAWP 1,350 psig @ 200 °F, 3.2 mm corrosion allowance</p> <p><u>Distillate Heating Coil</u>: Ten (10) passes (each 20 ft long) of 2" Sch 80, 600 ANSI RF connections, MAWP 1,350 psig @ 200°F, 1.6 mm corrosion allowance</p> <p><u>Firetube</u>: 16" OD x 20' - 0" long, 5-piece mitre, 10,000 BTU/hr/ft<sup>2</sup> design heat flux rate</p> <p><u>Burner</u>: Zirco Model FAH 32/18-16A(2), Flame Arrested Burner 1,750,00 BTU/hr(Net), two piece (hinged door) aluminum construction, to fit a 16" firetube, c/w 3" Eclipse air-gas mixer, 4 sticktite nozzles, Natco pilot, side hinge &amp; gas conn.</p>