



MANUFACTURER'S DATA REPORT
FOR INDIRECT FIRED
HEATER COILS

(A) No. 490413

Manufactured by Rushton Gas & Oil Equipment (1991) Ltd. 2331-121 Ave., N.E. Edm. AB. T6S 1B2

Manufactured for Devon Canada Corporation 1600, 324 - 8 Avenue SW Calgary, Alberta T2P 2Z5

Ultimate Owner Devon Canada Corporation 1600, 324 - 8 Avenue SW Calgary, Alberta T2P 2Z5

Location of Installation LSD# Stock

Mfg. Serial No. C1874A.CB Code: ASME B31.3, Edition 1999 Addenda 2001

Drawing Number C-1874-E Rev.0 Year Built 2003 Intended Service Gas

a. Material Specifications	<u>SA-333 Gr6</u>	<u>SA-350-LF2</u>	<u>RTJWN</u>	<u>2500#</u>	
Preheat	Coil		Ends (Flanges/N.P.T.)		Rating
b. Material Specifications	<u>SA-333 Gr6</u>	<u>SA-350-LF2</u>	<u>RTJWN</u>	<u>900#</u>	
Reheat	Coil		Ends (Flanges/N.P.T.)		Rating
c. Material Specifications	<u>SA-333 Gr6</u>	<u>SA-350-LF2</u>	<u>RTJWN</u>	<u>1500#</u>	
Hot Oil	Coil		Ends (Flanges/N.P.T.)		Rating

a. Diameter	<u>3"</u>	Nom. Thickness	<u>SCH XXH</u>	O/A Length	<u>274.25'</u>	C.A.	<u>0.125"</u>
b. Diameter	<u>4"</u>	Nom. Thickness	<u>SCH 160</u>	O/A Length	<u>413.28'</u>	C.A.	<u>0.125"</u>
c. Diameter	<u>2"</u>	Nom. Thickness	<u>SCH 160</u>	O/A Length	<u>607.35'</u>	C.A.	<u>0.125"</u>

a. Maximum Working Pressure	<u>32598 preheat</u>	kPa at Maximum Temperature	<u>121</u>	°C
b. Maximum Working Pressure	<u>13769 reheat</u>	kPa at Maximum Temperature	<u>121</u>	°C
c. Maximum Working Pressure	<u>21608 hot oil</u>	kPa at Maximum Temperature	<u>121</u>	°C

a. Hydrostatic Test Pressure	<u>48899 preheat</u>	kPa	C.R.N.	<u>R1937.2</u>
b. Hydrostatic Test Pressure	<u>20657 reheat</u>	kPa	C.R.N.	<u>R1937.2</u>
c. Hydrostatic Test Pressure	<u>32413 hot oil</u>	kPa	C.R.N.	<u>R1937.2</u>

Heating Surface 23.04m2 preheat 45.45m2 reheat 35.21m2 hot oil Radiography 100% (Random, % or Full)

Volume 0.28m3 preheat 0.75m3 reheat 0.42m3 hot oil P.W.H.T. 90 min @ 620°C

Remarks Minimum Design Temp. -46°C Construction Dwg.# C-1874-E Rev.0

CERTIFICATE OF COMPLIANCE

We certify that the statements in this report are correct and that all details of design, material, construction, and workmanship of this coil bundle are in accordance with Registered Design No. R1937.2.

Date FEB 13, 2003 Signed [Signature] For RUSHTON GAS & OIL EQUIPMENT
(Representative) (Manufacturer)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized Safety Codes Officer employed by The Alberta Boilers Safety Association have inspected the above Heater Coils and state that, to the best of my knowledge and belief, the construction is in accordance with the Alberta Safety Codes Act and Regulations.

Date FEB 18 2003 Signed [Signature]

