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General Safety Services Division
Boilers Branch

MANUFACTURER'S DATA REPORT
For Indirect Fired Heater Coils

(A) No. 2825892

Manufactured by PLAINS OIL LTD. #5, 803 - 24TH AVE. S.E. CALGARY, AB. T2G 1P5 (A) 2825892

Manufactured for GENESIS ENGINEERING LTD. SUITE 601, SLOANE SQUARE, 5920 - 1A ST. S.W. CALGARY, AB. T2H 0C3

Ultimate Owner KAISER FRANCIS OIL LTD. #1620, 700 - 4 AVENUE S.W. CALGARY, AB. T2P 3J4

Location of Installation L.S.D. 04-13-46-17-45N 1056F-PH-74-2B (R)

Mfg. Serial No. 1216 HI Year Built: 1994 94-01-20

Drawing Number 1216 B401 REV 0 Intended Service SHEET

(Preheat)			
a. Material Specifications	<u>SA 333-6</u>	<u>ROUND (SA 350 LF2)</u>	<u>2500#</u>
	<u>Coil</u>	<u>Ends (Flanges/N.P.T.)</u>	<u>Rating</u>
(Postheat)			
b. Material Specifications	<u>SA 333-6</u>	<u>ROUND (SA 350 LF2)</u>	<u>2500#</u>
	<u>Coil</u>	<u>Ends (Flanges/N.P.T.)</u>	<u>Rating</u>

a. Diameter	<u>114.3</u>	Nom. Thickness	<u>17.1</u>	O/A Length	<u>8920</u>	C/A	<u>1.59</u>
b. Diameter	<u>114.3</u>	Nom. Thickness	<u>17.1</u>	O/A Length	<u>8920</u>	C/A	<u>1.59</u>

a. Maximum Working Pressure	<u>34475</u>	kPa at Maximum Temperature	<u>93</u>	°C
b. Maximum Working Pressure	<u>34475</u>	kPa at Maximum Temperature	<u>93</u>	°C

a. Hydrostatic Test Pressure	<u>51712</u>	kPa C.R.N.	<u>M2102.2</u>
b. Hydrostatic Test Pressure	<u>51712</u>	kPa C.R.N.	<u>M2102.2</u>

Heating Surface 49.03 M² Radiography 100% (Random, % or Full)
Volume .69 M³ P.N.T. YES

Remarks _____

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 is in accordance with Registered Design No. M2102.2.

Date 94-01-20 Signed [Signature] For PLAINS OIL LTD.
(Representative) (Manufacturer)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized Boiler and Pressure Vessel Inspector employed by Alberta Labour, General Safety Services Division have inspected the above Heater Coils and state to the best of my knowledge and belief, the construction is in accordance with the Boilers and Pressure Vessels Act and Regulations.

Date 20 Jan 1994 Signed [Signature]