



MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

(A) No. 479425

Manufactured by Pyramid Corporation, 609-21 ave, Nisku, Alberta, T9E 7X9

Manufactured for Crest Energy Consultants, 840, 727-7 Ave S.W. Calgary, Alberta, T2P 0Z5

Ultimate Owner Apache Canada Ltd, 1000, 700-9 Ave S.W. Calgary, Alberta, T2G3V4

Location of Installation 13-12-36-3W4M

Mfg. Serial No. 1799 Code: ASME B31.3, Edition 2002 Addenda 2002

Drawing Number PV-019 Year Built 2003 Intended Service Hydrocarbon

a. Material Specifications SA-106B SA-105N 300W ANSIRI

Coil Ends (Flanges/N.P.T.) Rating

b. Material Specifications

Coil Ends (Flanges/N.P.T.) Rating

a. Diameter 2" Nom. Thickness .218" O/A Length 9'-6" C.A. .125"

b. Diameter Nom. Thickness O/A Length C.A.

a. Maximum Working Pressure 4654 kPa at Maximum Temperature 93 °C

b. Maximum Working Pressure kPa at Maximum Temperature °C

a. Hydrostatic Test Pressure 6981 kPa C.R.N. N-9978.2

b. Hydrostatic Test Pressure kPa C.R.N.

Heating Surface 22.4 SQ FT Radiography 100% (Random, % or Full)

Volume .738 CU. FT. P.W.H.T. Yes, 1150 deg F for 60 minutes

Remarks MDMT = -20 deg F, Impact Tests Exemp Per Table 322.2.2

Fabricated as per drawing#: 03-D-2201-C1

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.

Date SEPT 04/03 Signed [Signature] For Pyramid Corp (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.

[Signature]