



MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

(A) No. (A) 411743

Manufactured by CORLAC INDUSTRIES LTD.

Manufactured for WASCANA ENERGY INC

Ultimate Owner WASCANA ENERGY INC.

Location of Installation STOCK

Mfg. Serial No. PV-0142 Code: ASME B31.3, Edition 99 Addenda

Drawing Number 991210-WAS-01 Year Built 1999 Intended Service GLYCOL

a. Material Specifications SA106B-COIL SCH. STD 300# Coil Ends (Flanges/N.P.T.) Rating

b. Material Specifications Coil Ends (Flanges/N.P.T.) Rating

a. Diameter 4" Nom. Thickness .237 O/A Length 1749ft C.A. .125

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

a. Maximum Working Pressure 3448 kPa at Maximum Temperature 260 °C

b. Maximum Working Pressure kPa at Maximum Temperature °C

a. Hydrostatic Test Pressure 5171 kPa C.R.N. L8257.2

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

Heating Surface 1828.8 f2 Radiography 5% (Random, % or Full)

Volume 154ft3 P.W.H.T. N/R

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 are in accordance with Registered Design No. L8257.2

Date 99-12-18 Signed [Signature] For CORLAC INDUSTRIES LTD. (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 99 12 18 Signed [Signature] Alta 54(R) D Maltais