



MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

(A) No. 434831Manufactured by Nusco Manufacturing & Supply Ltd. 1604-8th St. Nisku, Alta. T9E 7S6Manufactured for Blue Range Res. Corp. 1100, 801-6th Ave. S.W. Calgary, Alta. T2P 3W2Ultimate Owner Blue Range Res. Corp. 1100, 801-6th Ave. S.W. Calgary, Alta. T2P 3W2Location of Installation Client StockMfg. Serial No. 001137-150 Code: ASME B31.3, Edition 1996 Addenda -Drawing Number D0724-402 Rev. 0 Year Built 1997 Intended Service Oil & Gas

a. Material Specifications	<u>SA-106-B</u> <i>Coil</i>	<u>SA-105-N</u> <i>Ends (Flanges/N.P.T.)</i>	<u>600#</u> <i>Rating</i>
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b. Material Specifications	<u>SA-106-B</u> <i>Coil</i>	<u>SA-105-N</u> <i>Ends (Flanges/N.P.T.)</i>	<u>600#</u> <i>Rating</i>
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a. Diameter <u>88.9 mm</u>	Nom. Thickness <u>7.62 mm</u>	O/A Length <u>3.84 m</u>	C.A. <u>3.18 mm</u>
b. Diameter <u>88.9 mm</u>	Nom. Thickness <u>7.62 mm</u>	O/A Length <u>3.84 m</u>	C.A. <u>3.18 mm</u>

a. Maximum Working Pressure <u>9308</u> kPa	at Maximum Temperature <u>93</u> °C
b. Maximum Working Pressure <u>9308</u> kPa	at Maximum Temperature <u>93</u> °C

a. Hydrostatic Test Pressure <u>13962</u> kPa	C.R.N. <u>N-5049.21</u>
b. Hydrostatic Test Pressure <u>13962</u> kPa	C.R.N. <u>N-5049.21</u>

Heating Surface 5.49 m² Radiography 10% (Random, % or Full)Volume 0.084 m³ P.W.H.T. N/ARemarks Construction Drawing D0797-402 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. N-5049.21

Date Oct 21, 1997 Signed [Signature] For Nusco Manufacturing
(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 Oct 21/97 Signed [Signature]