

HBSH

MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

(A) No. 475190

Manufactured by Mar-Quinn Industries Ltd. 7115 - Sparrow Drive Leduc Alberta T9E 7L1

Manufactured for Anadarko Canada Ltd. 425 - 1st. St. S.W. Calgary Alberta T2P 4V4

Ultimate Owner Anadarko Canada Ltd. 425 - 1st. St. S.W. Calgary Alberta T2P 4V4

Location of Installation unknown

Mfg. Serial No. 126 - 90 - 01 - C Code: ASME B31.3, Edition 1999 Addenda 2000

Drawing Number # 253 Rev A Year Built 2001 Intended Service water, oil, gas

a. Material Specifications SA-106-B SA-105N 1500# RFWN
Coil *Ends (Flanges/N.P.T.)* *Rating*

b. Material Specifications SA-106-B SA-105N 900# RFWN
Coil *Ends (Flanges/N.P.T.)* *Rating*

a. Diameter 76.2 mm Nom. Thickness 11.12 mm O/A Length 12.49 m C.A. 3.2 mm

b. Diameter 76.2 mm Nom. Thickness 11.12 mm C/A Length 12.49 m C.A. 3.2 mm

a. Maximum Working Pressure 20.340 kPa at Maximum Temperature 93 °C

b. Maximum Working Pressure 13.962 kPa at Maximum Temperature 93 °C

a. Hydrostatic Test Pressure 30.510 kPa C.R.N. X - 1977.12

b. Hydrostatic Test Pressure 20.947 kPa C.R.N. X - 1977.12

Heating Surface 10.75 square meters Radiography 100 % Full (Random, % or Full)

Volume 0.13 cubic meters P.W.H.T. 60 minutes @ 1150 F

Remarks Impact test exempt as per Table 323.2.2

Construction Dwg# 126 - 77 - 01 - Coil 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.

Date Sept 25/01 Signed Walter Martin For Mar-Quinn 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 201-09-25 Signed Walter Martin AS# 132