

## MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

(A)	No	525121	
Manufactured by Nusco Supply & Manufacturing Inc. 1604 - 8th Street, Nisku, Alberta T9E 7S6			
Manufactured for Husky Energy 707 - 8th Ave. SW Box 6525 St. D Calgary, AB T2P 3G7			
40 TO CO. D. C. 1 AD TOD 207			
Location of Installation Strachan Line Heaters			
Mfg. Serial No. 009977-210 Code: ASME B31.3, Edition 2002 Rev Addenda -			
Drawing Number See Remarks Year Built 2005 Intended Service Oil & Gas			
a. Material Specifications SA-333-6 / SA-420-WPL6 Coil Ends	SA-350-LF (Flanges/N.P.T.)	2	Class 2500 Rating
b. Material Specifications SA-333-6 / SA-420-WPL6 Coil Ends	SA-350-LF	2	Class 900
Coil Ends	(Flanges/N.P.T.)		Rating
a. Diameter 88.9 mm Nom. Thickness 15.24 mm	O/A Le	ngth 6.4 m	C.A. 3.18
b. Diameter 88.9 mm Nom. Thickness 11.13 mm	O/A Le	ngth <u>6.4 m</u>	_C.A. <u>3.18</u>
a. Maximum Working Pressure 34689 kPa at Maximum Temperature 46 / 93 °C b. Maximum Working Pressure 13962 kPa at Maximum Temperature 46 / 93 °C			
a. Hydrostatic Test Pressure 52037 kPa C.R.N. T3040.2			
***	C.R.N. $\overline{\underline{T}}$	3040.2	
Heating Surface 19.5 m. sq. Radiography 100% (Random, % or Full)			
Volume 0.215 m. cu. P.W.H.T. 60 min. @ 1175°F			
Remarks - Construction Drawing No D1783-402 Rev.1			
- Owner's Responsibility to Install & Maintain Adequate Pressure relief Valve.			
- Corrosion Allowance is listed in millimeters.			
- CRN Drawing No.: NUSCO MASTER COIL 3 Rev. A			
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. T3040.231.			
Date September 29, 2005 Signed Man	<u>р</u> F		ly & Mfg. Inc.
(sepresenta)	ve)	(Manu)	facturer)
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 September 29, 2005 Signed			