



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

(A) No. 45-8796

Manufactured by OPSCO ENERGY INDUSTRIES LTD., 2601 Centre Ave. East, Calgary, AB, T2P 2L1

Manufactured for WASCANA ENERGY INC., 2500-205-5th Ave., S.E. Calgary, Ab.

Ultimate Owner WASCANA ENERGY INC., 2500-205-5th Ave., S.E. Calgary, Ab.

Location of Installation ALBERTA STOCK UNIT

Mfg. Serial No. 03-3563-2-1/2 Code: ASME B3 1.3, Edition 1999 Addenda 1999

Drawing Number SEE REMARKS Year Built 2001 Intended Service SOUR

Coil No.	Mtl. Spec.	Ends	Rating	Diameter	Nom. Thk.	O/A Length	C.A.	Max. Working Pressure (kPa)	Max. Temperature (Deg. C)	Hydrotest Pressure (kPa)	C.R.N.
a	SA-106B SMLS	RFWN	1500 ANSI	2" NPS	Sch. 160	14'-9.625"	0.125"	20685	121	38322	M3047.2
b	SA-106B SMLS	RFWN	600 & 1500 ANSI	2" NPS	Sch. 80	13'-0.625"	0.114"	9170	121	15307	N1616.2
c											
d											
e											

Heating Surface 85.4 SQ. FT. (7.9 SQ. M.) Radiography 100% (Random, % or Full)

Volume 3.27 CU. FT. (.09 CU. M.) P.W.H.T. 1150 F FOR 1 HR

Remarks

CNSTR. DWG. NO.: HC-01-3563-2108 R.2 & HC-01-3563-2109 R.2
CRN DWG. NO.: HC-96-2389-1325 R.3 & HC-96-2389-1326 R.P/Q

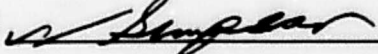
CERTIFICATE OF COMPLIANCE

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 June 07, 2001 Signed  For OpSCO Energy Industries Ltd.
(mm/dd/yy) (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 June 07, 2001 Signed 
(mm/dd/yy)