



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

(A) No. 492277

Manufactured by Moss Fabrication Ltd. 6619 - 86<sup>th</sup> Avenue S.E. Calgary, Alberta. T2C 2S4

Manufactured for Paramount Resources Ltd. 4700, 888-3<sup>rd</sup> Street S.W. Calgary, AB. T2P 5C5

Ultimate Owner Same as Above.

Location of Installation Maxhamish (Alberta)

Mfg. Serial No. C3235-1, 2 Code: ASME B31.3, Edition 99 Addenda 01

Drawing Number C2535-R Rev. R Year Built 2003 Intended Service Gas

a. Material Specifications SA 333 Gr. 6 SA 350 LF2 1500#  
*Coil* *Ends (Flanges/N.P.T.)* *Rating*

b. Material Specifications SA-333 Gr. 6 SA-350 LF2 600#  
*Coil* *Ends (Flanges/N.P.T.)* *Rating*

a. Diameter 6" NPS. Nom. Thickness 0.719" O/A Length 11022 mm C.A. 1.6mm  
b. Diameter 6" NPS. Nom. Thickness 0.432" O/A Length 10850 mm C.A. 1.6mm

a. Maximum Working Pressure 20684 kPa at Maximum Temperature 93 /-29 (min). °C  
b. Maximum Working Pressure 9308 kPa at Maximum Temperature 93 /-29 (min). °C

a. Hydrostatic Test Pressure 31026 kPa C.R.N. L8501.213T  
b. Hydrostatic Test Pressure 13962 kPa C.R.N. L8501.213T

Heating Surface 747 sq.ft (69.4 sq.m). Radiography 100% (Random, % or Full)

Volume 109.6 cu.ft (3.1 cu.m). P.W.H.T. 1 Hour @ 621 deg C

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.

Date March 21, 2003 Signed \_\_\_\_\_

(Representative)

For

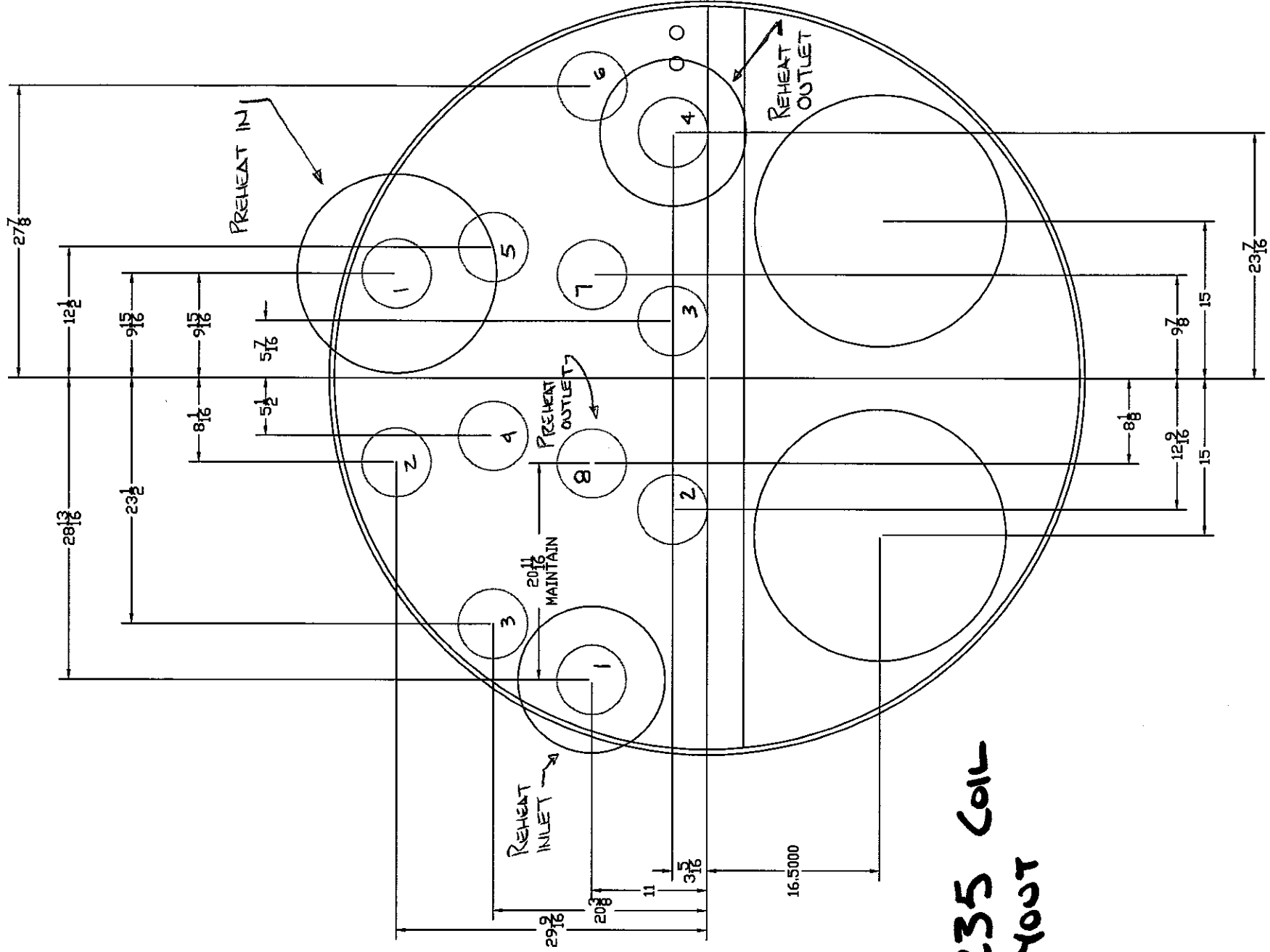
Moss FABRICATION  
(Manufacturer)

**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.

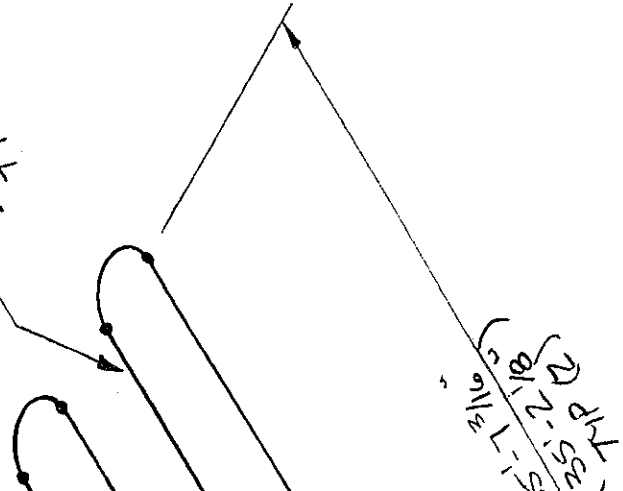
Date 3/3/21

Signed



**3235 Coil  
 LAYOUT**

11/23/99  
 15-1-80  
 15-1-80  
 15-1-80



1	2	6" 600# REMN SCH 80 BORE	SA-350LF2
2	3	6" SCH 80 LR 180° RETURN	SA-40-WPLG
3	4	6" XH SMUS PIPE	SA-333-GRG
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19		5/11C3235-2	
20		SURFACE AREA = 249 FT <sup>2</sup>	
21		VOLUME = 36.5 FT <sup>3</sup>	

MOSS FABRICATION LTD.

DESIGN PRESS. 1350 PSIG	DESIGN TEMP. 200° F
HYDROTEST PRESS. 2025 PSIG	RADIOGRAPHY 100%
CODE: ANSI B31.3 96 ED 98 ADD CORR. ALL. 1/8"	
STRESS RELIEF 1 HR @ 1150°F ± 10°F	CAPACITY
SERVICE SOUR GAS	NO. REQUIRED ONE
TITLE PARAMOUNT MAXIMUM LINEHEADERS	
	6" RE HEAT COIL

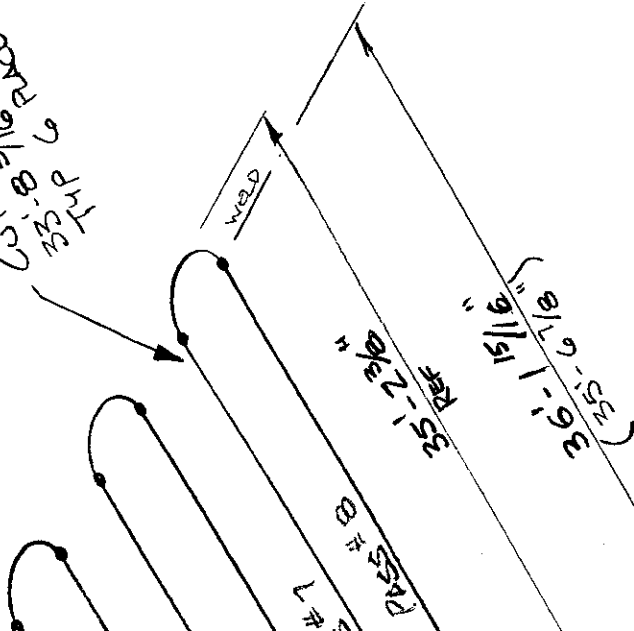
Drawn By: DRL	Date: SEPT 29 '99	
Approved By: [Signature]	Date: SEPT 29 '99	
REV #	DATE	DESCRIPTION

JOB # 3235	LINE # C3235-2	REV 0
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MS MA

③ TR

UJ LENGTH  
33.8 3/16 ROUNDS  
33.4 1/2



1	2	6"	1500"	REWIN SCH 160	SA-350-LF2
2	1	4"	1500"	REWIN SCH 160	SA-350-LF2
3	7	6"	SCH 160	LR 180° RETURN	SA-420-WPLG
4					
5					
6	1	3/4"	ON 6"	6000" TOL	SA-350-LF2
7	4R	6"	SCH 160	6MLS PIPE	SA-333-ARG
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19				S/A C3235-1	
20				SURFACE AREA = 498 FT <sup>2</sup>	
21				VOLUME = 73.1 FT <sup>3</sup>	

# MOSS FABRICATION LTD.

DESIGN PRESS. 3000 PSIG      DESIGN TEMP. 200°F  
 HYDROTEST PRESS. 4500 PSIG      RADIOGRAPHY 100%  
 CODE: ANSI B31.3 '98      CORR. ALL. 1/8"

STRESS RELIEF 1 HR @ 1150°F ± 25°F CAPACITY  
 SERVICE SOUR GAS      NO. REQUIRED ONE

TITLE PARAMOUNT MAXHAMISH LINE HEATERS  
 6" PRE HEAT COIL

JOB # 3235      LINE # C3235 - 1      REV 1

Drawn By: DRL      Date: SEPT 29 '99

Approved By: [Signature]      Date: SEPT 29 '99

REV #	DATE	DESCRIPTION
1	FEB 12 '03	REMOVE 4" OUTLET FLANGE