



REQUEST FOR OFFER

Title: SURPLUS FOR SALE – BOILERS

Reference No.: 1220-040-2024-002

General Services
Issue Date: February 15, 2024

REQUEST FOR OFFER

SURPLUS FOR SALE – BOILERS

1. OFFER

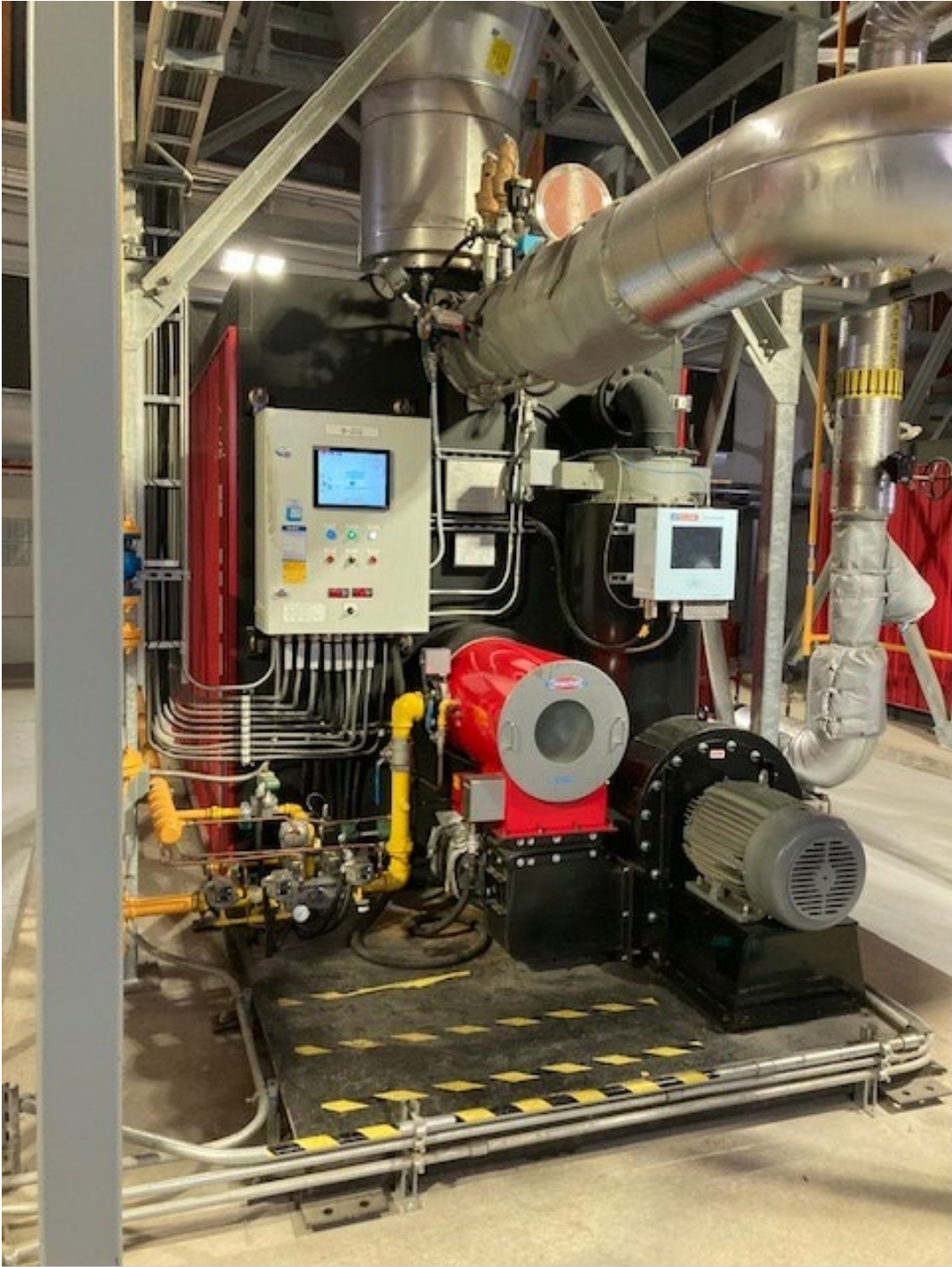
- 1.1 The City of Surrey (the “**Seller**”) has the following Boilers for sale and is accepting Offers (the “Offer”) on the following:

Unit Reference: Complete Boiler #1
Brand: STERLING/SIMONEAU
Model: AQT500WX
Year Built: 2018
Manufacturer’s Serial Number: 5104

Unit Reference: Complete Boiler #2
Brand: STERLING/SIMONEAU
Model: AQT500WX
Year Built: 2018
Manufacturer’s Serial Number: 5105

These assets are being sold as listed “as is”. The assets are to be removed around May to July 2024. A more precise timeline will be provided by April 2024.

Boilers:



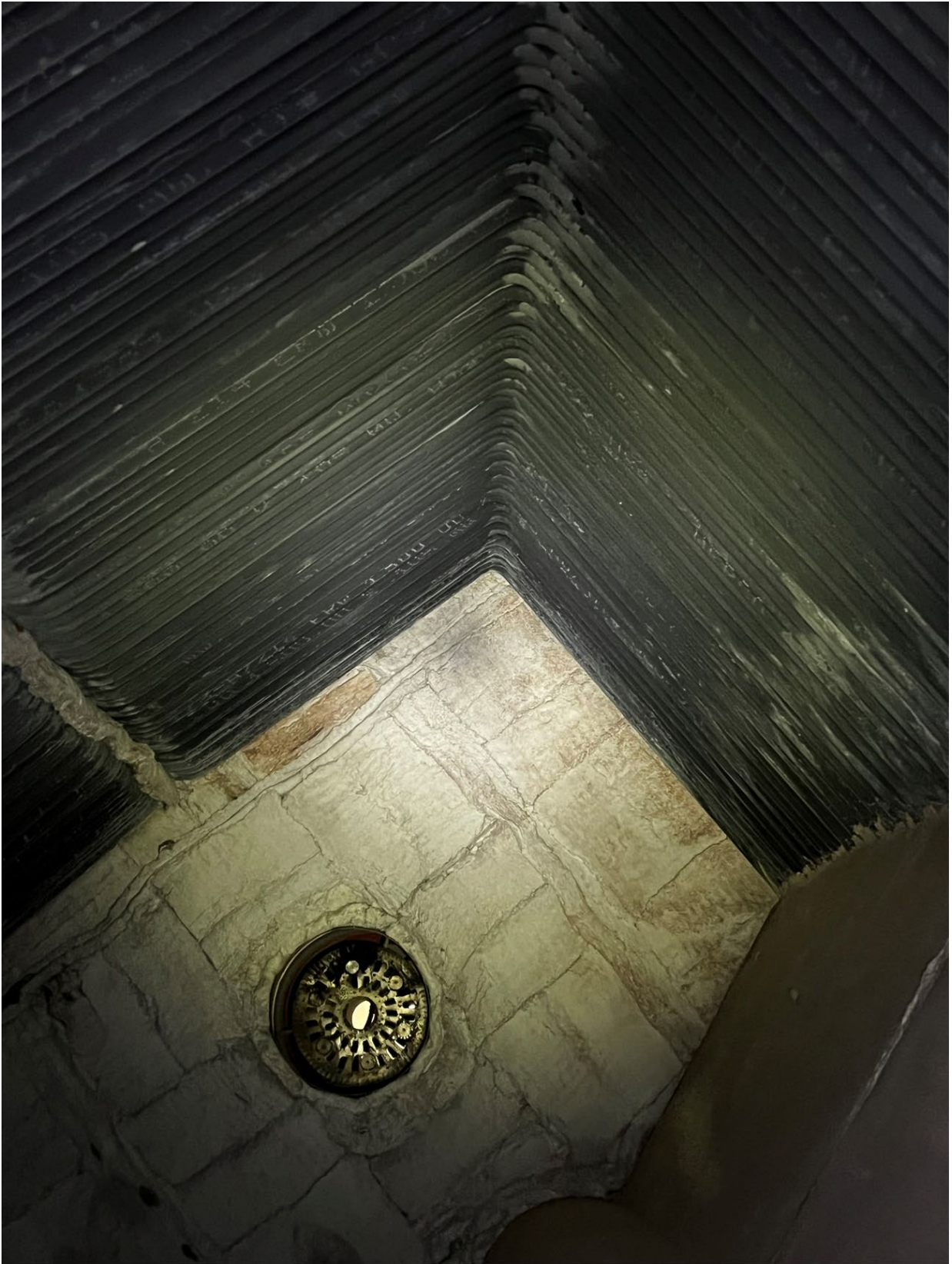














2. INSTRUCTIONS TO PURCHASERS

2.1 Address for Offer Delivery

An Offer should be labelled with the Purchasers name, Request for Offer title and number. An Offer should be submitted in the form attached to this Request for Offer.

The Purchaser should submit the Offer to the Seller by email at: purchasing@surrey.ca.

A Purchaser bears all risk that the Seller's computer equipment functions properly so that the Seller receives the Offer.

2.2 Date

The Seller would prefer to receive Offers on or before **March 7, 2024**. The Seller's office hours are 8:30 a.m. to 4:00 p.m., Monday to Friday, except statutory holidays.

2.3 Scheduled Site Viewing

Viewing of the Boiler will be available, by appointment only. To view this unit please contact the following:

Yonatan Yohannes
Director, Engineering Operations
City of Surrey,
Phone: 604-590-7271
Email: Yonatan.Yohannes@surrey.ca

Viewing is restricted to weekdays between 8:30AM and 3:00PM.

2.4 Inquiries

All inquiries related to this competition should be directed in writing to:

Name: Sunny Kaila, Manager, Procurement Services
E-mail: purchasing@surrey.ca
Reference: 1220-040-2024-002

3. GENERAL CONDITIONS

- 3.1 The Seller warrants that (1) the Seller is the legal owner of the Boiler; (2) the Boilers are free from all liens and encumbrances; (3) the Seller has full right and authority to sell and transfer the Boilers; and (4) the Seller will warrant and defend the title of the Boiler against any and all claims and demands of all persons.
- 3.2 Inspection prior to submitting an Offer is the responsibility of the prospective Purchaser.
- 3.3 The highest or any Offer will not necessarily be accepted. The Seller reserves the right to reject any or all Offers; or to accept any Offer as may be deemed in the best interests of the

Seller. The Seller reserves the right to negotiate sales, pricing, or terms and conditions with any prospective Purchaser(s) without informing other prospective Purchasers.

- 3.4 The Seller reserves the right to withdraw any Boilers from sale at any time.
- 3.5 The Purchaser releases the Seller from any or all liability for personal injury, death, property loss, damage or destruction, or economic loss resulting from the Purchaser's entry onto Seller premises and/or removal of the Boilers or subsequent use or operation of the Boilers or any items associated with it. The Purchaser also agrees to save the Seller harmless from any or all claims arising from such events.
- 3.6 A deposit is not required with any Offer submitted.
- 3.7 Payment shall be made within ten (10) working days of acceptance of the Offer by the Seller or as otherwise negotiated. Certified cheque, money order, or bank draft that are recognized in Canada, are acceptable payment methods, payable to the Seller.
- 3.8 The B.C. Provincial Sales Tax (7%) will be charged unless an exemption certificate is provided. The Goods and Services Sales Tax (5%) will be charged.
- 3.9 The Seller will not be liable for loss, damage, or destruction from any cause whatsoever of the Boilers sold, but should any Boilers be withdrawn, lost or destroyed during the period allowed for removal and prior to actual removal thereof, the Seller will refund to the Purchaser any monies paid as the price of, or on account of, the Boilers so lost or destroyed.
- 3.10 The Purchaser shall not assign or transfer the sale agreement without the written consent of the Seller.
- 3.11 In the event that the Purchaser fails to remove the Boilers within the time specified in the agreement, the Seller may, without prejudice to any other remedies, cancel the contract and resell the Boilers without notice to the Purchaser, and retain as liquidated damages any deposit or amount paid on account of the Boilers. The Purchaser shall lose all claim to and interest in the Boilers and may be held responsible for all loss, cost and expense incurred by the Seller due to the Purchaser's failure or default.
- 3.12 The Purchaser is responsible for arranging shipping for the Boilers at their expense.

F.O.B Point
13231 Central Ave, Surrey, BC V3T 1V4

- 3.13 The Purchaser will be deemed to have carefully examined this Offer, including the attached Bill of Sale (attachment 1) prior to preparing and submitting an Offer with respect to any and all facts which may influence the purchase.

FORM OF OFFER

Project Title: Surplus for Sale – Boilers

Reference No.: 1220-040-2024-002

Name of Purchaser: _____

Contact Person and Title: _____

Business Address: _____

Business Telephone: _____

Business Fax: _____

Business E-Mail Address: _____

- The Purchaser offers to purchase the Boilers from the Seller for the prices plus applicable taxes as follows:

ITEM #	ITEM DESCRIPTION	PRICE OFFERED
1.	Unit Reference: Complete Boiler #1 Brand: STERLING/SIMONEAU Model: AQT500WX Year Built: 2018 Manufacturer's Serial Number: 5104	\$
2.	Unit Reference: Complete Boiler #2 Brand: STERLING/SIMONEAU Model: AQT500WX Year Built: 2018 Manufacturer's Serial Number: 5105	\$
Sold as listed in an "as is" condition. CURRENCY: Canadian	Subtotal:	\$
	GST (5%):	\$
	BC PST (7%):	\$
	TOTAL PRICE OF OFFER:	\$

This Offer is submitted this _____ day of _____ [month], _____ [year].

I/We have the authority to bind the Purchaser.

(Legal Name of Purchaser)

(Signature of Authorized Signatory)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

**ATTACHMENT 1
SALE AGREEMENT**

This Agreement dated the _____ day of _____ 2024.

BETWEEN:

CITY OF SURREY

(the "**Seller**")

OF THE FIRST PART

AND:

(the "**Purchaser**")

OF THE SECOND PART

WITNESSES THAT, the Seller issued RFO #1220-040-2024-004 and the Purchaser submitted an Offer on _____, 2024 and for good and valuable consideration now paid by the Purchaser to the Seller (the receipt and sufficiency whereof is hereby acknowledged by the Seller), the Seller hereby agrees to sell to the Purchaser and the Purchaser hereby agrees to purchase from the Seller the _____ as herein defined, on the following terms and conditions:

1. DEFINITIONS

1.1 In this Agreement:

- (a) "**Effective Date**" means the date upon which the Purchaser picks up the Boilers; and
- (c) "**Purchase Price**" means the sum of CAN \$_____ plus Federal Goods and Services Tax (5%) and British Columbia Provincial Sales Tax (7%) applicable PST.

2. PURCHASE PRICE

2.1 The Purchaser shall pay the Purchase Price to the Seller before the Effective Date.

3. TITLE

3.1 Title to the Boilers shall vest in the Purchaser on the Effective Date.

4. DELIVERY

- 4.1 Delivery of the Boilers to the Purchaser shall be deemed to have occurred when the Purchaser picks up the equipment.

5. RISK

- 5.1 The Purchaser shall indemnify and save harmless the Seller from and against all claims, actions, suits, proceedings, demands, assessments, judgment, charges, penalties, costs and expenses (including the full amount of any legal expenses invoiced to the Seller) which arise or are made or claimed against or suffered or incurred by the Seller as a result of the Purchaser's use or operation of the Boilers.

6. REPRESENTATIONS AND WARRANTIES

- 6.1 The Seller warrants that (1) the Seller is the legal owner of the Boilers; (2) the Boilers is free from all liens and encumbrances; (3) the Seller has full right and authority to sell and transfer the Boilers; and (4) the Seller will warrant and defend the title of the Boilers against any and all claims and demands of all persons.
- 6.2 The Boilers is being sold in an "as is" condition and the Seller expressly disclaims all warranties, whether expressed or implied, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Further the Seller disclaims any warranty as to the condition or working order of the Boilers. The Seller disclaims any warranty as to the condition or working order of the Boilers. The Seller does not assume or authorize any other person to assume on the behalf of the Seller, any liability in connection with the sale of the Boilers. The Seller's above disclaimer of warranties does not, in any way, affect the terms of any applicable warranties from the manufacturer of the Boilers.
- 6.3 The Purchaser has been given the opportunity to inspect the Boilers or to have it inspected and the Purchaser has accepted the Boilers in its existing condition.

7. TIME OF THE ESSENCE

- 7.1 Time is of the essence hereof.

8. PROPER LAW

- 8.1 This Agreement shall be governed by and construed in accordance with the laws of the Province of British Columbia and the parties hereto attorn to the jurisdiction of the courts of British Columbia.

9. SEVERABILITY

- 9.1 If for any reason any provision contained in this Agreement is held by a court of competent jurisdiction to be invalid, illegal or unenforceable in any respect, then at the option of the

Seller such provision will be severable from and shall not affect any other provision of this Agreement and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained in this Agreement.

10. WAIVER

10.1 A waiver of any of the terms, covenants, conditions, or provisions hereof or any of the obligations hereunder shall apply to the particular instance and at the particular time only, and no such waiver shall be deemed a continuing waiver.

11. EXECUTION

11.1 This Agreement may be executed in several counterparts, each of which when executed and delivered shall be deemed to be an original and all of which shall constitute one and the same instrument. The execution of this Agreement shall not become effective until all counterparts hereof have been executed by the Purchaser and the Seller.

11.2 This Agreement may be executed and delivered by facsimile or other means of electronic communication producing a printed copy and this Agreement shall be deemed to have been effectively executed and delivered as of the date of such transmission provided originally executed copies of this Agreement are delivered to each party hereto within 10 days thereafter.

12. NOTICES

12.1 Each communication to be made hereunder may be made by letter, facsimile or other means of electronic communication producing a printed copy. Any communication or document to be made or delivered by one person to another pursuant to this Agreement shall (unless that other person has, by 15 days written notice to the other person, specified another address) be made or delivered to that other person as follows;

(a) with respect to the Seller:

CITY OF SURREY

(b) with respect to the Purchaser:

In the case of any communication made by facsimile or other electronic communication such communication shall be deemed to have been made or delivered when dispatched.

In the case of any communication made by letter, such communication shall be deemed to have been made or delivered to the respective party and address noted above five (5) business days after being mailed by prepaid registered mail.

13. ENUREMENT

13.1 All grants, covenants, provisions, conditions, agreements, representations, warranties, stipulations, rights, powers, privileges and liabilities contained or provided for herein will be read, held and construed as made, undertaken and entered into by and with, granted to, imposed and binding upon, and enuring to the benefit of the parties hereto and their respective successors and assigns, as the case may be.

IN WITNESS WHEREOF the Seller and Purchaser have executed this Agreement the day and year first above written.

CITY OF SURREY

by its authorized signatory:

[PURCHASER]

by its authorized signatory(ies):

(Legal Name of Purchaser)

(Signature of Authorized Signatory)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

ATTACHMENT 2 COMBUSTION TESTS AND DATA REPORTS

BOILER 1 COMBUSTION TEST 2023:

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:53

3.6 %	O ₂
1 ppm	CO
84.8 %	Eff
9.77 %	CO ₂
305.8 °F	Tstack
85.8 °F	Tamb
20.8 %	ExAir
15 ppm	NO
16 ppm	NOx
16 ppm	cNOx
0.60 l/min	Pump
0.0277 inH ₂ O	Draft

Technician Jeff

75%

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware versio. 7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:55

3.0 %	O ₂
1 ppm	CO
83.7 %	Eff
10.11 %	CO ₂
355.5 °F	Tstack
86.0 °F	Tamb
16.8 %	ExAir
19 ppm	NO
20 ppm	NOx
20 ppm	cNOx
0.59 l/min	Pump
0.1887 inH ₂ O	Draft

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:49

4.0 %	O ₂
20 ppm	CO
87.8 %	Eff
9.54 %	CO ₂
179.4 °F	Tstack
84.9 °F	Tamb
23.7 %	ExAir
19 ppm	NO
20 ppm	NOx
21 ppm	cNOx
0.60 l/min	Pump
-0.1514 inH ₂ O	Draft

Technician Jeff

B 201

10%

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware versio. 7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:51

4.2 %	O ₂
3 ppm	CO
86.1 %	Eff
9.43 %	CO ₂
246.4 °F	Tstack
85.1 °F	Tamb
15 ppm	NO

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:53

3.6 % O₂
1 ppm CO
84.8 % Eff
9.77 % CO₂
305.8 °F Tstack
85.8 °F Tamb
20.8 % ExAir
15 ppm NO
16 ppm NOx
16 ppm cNOx
0.60 l/min Pump
0.0277 inH₂O Draft

Technician Jeff

75%

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware versio. 7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:55

3.0 % O₂
1 ppm CO
83.7 % Eff
10.11 % CO₂
355.5 °F Tstack
86.0 °F Tamb
16.8 % ExAir
19 ppm NO
20 ppm NOx
20 ppm cNOx
0.59 l/min Pump
0.1887 inH₂O Draft

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:49

4.0 % O₂
20 ppm CO
87.8 % Eff
9.54 % CO₂
179.4 °F Tstack
84.9 °F Tamb
23.7 % ExAir
19 ppm NO
20 ppm NOx
21 ppm cNOx
0.60 l/min Pump
-0.1514 inH₂O Draft

Technician Jeff

B 201

10%

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300

61831675/USA
Firmware versio. 7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:51

4.2 % O₂
3 ppm CO
86.1 % Eff
9.43 % CO₂
246.4 °F Tstack
85.1 °F Tamb
25 ppm cNOx
15 ppm NO

BOILER 2 COMBUSTION TEST 2023:

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300
61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:40

4.2 % O₂
0 ppm CO
84.5 % Eff
9.43 % CO₂
306.3 °F Tstack
83.3 °F Tamb
25.1 % ExAir
21 ppm NO
22 ppm NOx
24 ppm cNOx
0.60 l/min Pump
-0.3027 inH₂O Draft

Technician Jeff

75%

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300
61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:45

3.3 % O₂
0 ppm CO
83.7 % Eff
9.94 % CO₂
350.6 °F Tstack
84.2 °F Tamb
18.8 % ExAir
24 ppm NO
25 ppm NOx
26 ppm cNOx
0.60 l/min Pump
-0.3252 inH₂O Draft

60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300
61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:31

3.2 % O₂
8 ppm CO
87.7 % Eff
9.99 % CO₂
185.4 °F Tstack
81.9 °F Tamb
18.1 % ExAir
21 ppm NO
22 ppm NOx
22 ppm cNOx
0.60 l/min Pump
-0.2148 inH₂O Draft

Technician Jeff

B-202

10%

Pacific Boiler Ltd
60 ave
Surrey

Last Calibration Date: 06/09/23

testo 300
61831675/USA
Firmware version: 1.10.7453
Software version: 12.7.15.15460
Last service date: 08.10.19

City of Surrey
West Village DHP

Fuel: Natural Gas
O₂ Ref: 3.0 %
CO₂ max: 11.8 %

Flue Gas Analysis
7/4/23 13:35

5.3 % O₂
4 ppm CO
85.7 % Eff
8.81 % CO₂
250.0 °F Tstack
82.2 °F Tamb
34.0 % ExAir
17 ppm NO
18 ppm NOx
20 ppm cNOx
0.60 l/min Pump
-0.1156 inH₂O Draft

BOILER 1 DATA REPORT:

FORM H-3 MANUFACTURER'S DATA REPORT FOR WATERTUBE BOILERS Page 1 of 2
As Required by the Provisions of the ASME Code Rules, Section IV

1. Manufactured and certified by The Group Simoneau Inc. 1541 Rue De Coulomb Boucherville, Quebec, J4B 8C5, Canada
(name and address of manufacturer)

2. Manufactured for Simoneau & Sterling Inc, 150 Armstrong Ave unit 8 Georgetown, Ontario, L7G 5G8, Canada
(name and address of purchaser)

3. Location of installation West Village Dec, 13231 103A Avenue, Surrey, BC, Canada
(name and address)

4. Unit identification Complete Boiler 5104 L1288.1 403360-500WX-200 Rev. C 235 2018
(complete boiler, superheater, waterwall, etc.) (manufacturer's serial no.) (CRN) (drawing no.) (National Bd. no.) (year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design conforms to ASME Code, Section IV, 2015
(year) [addenda (as applicable)(date)] (Code Case no.)

6. (a) Drums:

No.	Inside Diameter	Inside Length	Shell Plates			Tube Sheets		Tube Hole Ligament Efficiency, %	
			Material Spec. Grade	Thickness	Inside Radius	Thickness	Inside Radius	Longitudinal	Circumferential
1	10.02"	181 1/8"	SA-53-B ERW	0.365"	5.01"	0.365"	5.01"	0.492	1
2	10.02"	163 3/16"	SA-53-B ERW	0.365"	5.01"	0.365"	5.01"	0.477	1

No.	Longitudinal Joints		Circum. Joints		Heads				Hydrostatic Test
	No. & Type*	Efficiency	No. & Type	Efficiency	Material Spec. Grade	Thickness		Type**	
1	1 (2)	1	4 (2)	1	Flange, Blind & WNRF, SA-105	Class 150	Class 150	-	-
2	1 (2)	1	4 (2)	1	Flange, Blind & WNRF, SA-105	Class 150	Class 150	-	-

*Indicate if (1) seamless, (2) fusion welded. **Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical.

6. (b) Boiler tubes:

Diameter	Thickness	Material Spec. No. Grade	No.	How Attached
1 1/2"	0.105"	SA-178 A	178	Welded
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

6. (c) Headers no _____

(box or sinuous or round, material spec. no., thickness)
 Heads or ends _____ Hydro. test _____
(shape, material spec. no., thickness)

6. (d) Staybolts _____

(material spec. no., diameter, size telltale, net area)
 Pitch _____ Net area _____ Design pressure _____
(supported by one bolt)

6. (e) Mud drum _____

(for sect. header boilers state size, shape, material spec. no., thickness) Heads or ends _____ Hydro. test _____
(shape, material spec. no., thickness)

7. Waterwall headers:

No.	Size and Shape	Material Spec. No. Gr.	Thickness	Shape	Thickness	Material Spec. No. Gr.	Hydro. Test	Diameter	Thickness	Material Spec. No. Gr.
1	3.826" Round	SA-53 B	0.337"	Flat	0.250"	SA-36	-	1 1/2"	0.120"	SA-178 A
2	3.826" Round	SA-53 B	0.337"	Flat	0.250"	SA-36	-	1 1/2"	0.120"	SA-178 A
3	2.624" Round	SA-53 B	0.438"	Flat	0.250"	SA-36	-	1 1/2"	0.120"	SA-178 A

8. (a) Other parts (1) _____ (2) _____ (3) _____

(b) Tubes for other parts _____

1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-

9. Nozzles, inspection, and safety valve openings:

Purpose (inlet, outlet, drain, etc.)	No.	Diameter or Size	Type	How Attached	Material	Nom. Thickness	Reinforcement Material	Location
Water Outlet/Inlet & Inspection	3	8" NPS	WNRF	Butt Weld	SA-105	Class 150	N/A	Drums
LWCO ; Safety valve	3	2" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Vent	1	1" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Thermometer; Aquastat; Spare	5	3/4" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Pressure Gauge	1	1/2" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Cleaning	1	6" NPS	WNRF	Butt Weld	SA-105	Class 150	N/A	Lower Drum
Drain	1	1 1/2" NPT	Half-Cplg	HW-731 (c)	SA-105	Class 3000	N/A	Lower Drum

(07/15)

Manufactured by The Group Simoneau Inc. 1541 Rue De Coulomb Boucherville, Quebec, J4B 8C5, Canada

Mfr's Serial No. 5104 National Board No. 235

10.

		MAWP	Maximum water temp.	Shop Hydro. Test	Heating Surface	Heating surface to be stamped on drum heads. This heating surface not to be used for determining minimum safety valve capacity.	11. Field Hydro. Test
a	Boiler	160 psi	250 °F	240 psi	1277 FT ²		-
b	Waterwall	160 psi	250 °F	240 psi	217 FT ²		-
c	Superheater	-	-	-	-		-
d	Other parts	-	-	-	-		-

12. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report _____

13. Remarks : X-ray not Required; PWHT Not Required; Corrosion Allowance 0"; Manufacturing Drawing: 403360-500WX-200 Rev. F; Other Connexion: _____
 (name of part, item number, manufacturer's name, and identifying stamp)
 Water inlet/Outlet & Inspection = (3x) Flange WNRF 8" Class 150 attached to (3x) Concentric reducer 8" x 10" Bore Std, SA-234 WPB; Cleaning = _____
 WNRF 6" Class 150 attached to Concentric reducer 6" x 10" Bore Std, SA-234 WPB; Drain = (2x) Pipe 1" Sch. 80, SA-106 B + (1x) Elbow 90° 1" Sch. _____
 80, SA-234 WPB; Heads = (1x) Blind Flange 8" Class 150, SA-105 + (1x) BLind Flange 6" Class 150, SA-105 + (16x) Stud bolts 3/4"-10NC, SA-193 B7 _____
 + (32x) Hex. Hy. Nuts 3/4"-10NC. SA-194 2H; _____

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this data report are correct and that all details of design, material, construction, and workmanship of this boiler conform to Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

"H" Certificate of Authorization No. 33 449 expires July 17, 2020.

Date Feb. 01, 2018 Signed [Signature] Name The Group Simoneau Inc.
 (by representative) (manufacturer that constructed and certified boiler)

CERTIFICATE OF SHOP INSPECTION

Boiler constructed by The Group Simoneau Inc. at 1541 Rue De Coulomb Boucherville Quebec J4B 8C5 Canada.

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by Regie Du Bâtiment Du Quebec

_____ have inspected parts of this boiler referred to as data items 1-2-3-4-5-6(a)-6(b)-7-9-10-13 and have examined Manufacturer's Partial Data Reports for items _____ and state that, to the best of my knowledge and belief, the manufacturer has constructed this boiler in accordance with Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the boiler described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date Feb. 01, 2018 Signed [Signature] Commission NR #14094 AI
 (Authorized Inspector) (National Board commission number and endorsement)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the field assembly construction of all parts of this boiler conforms with the requirements of Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

"H" Certificate of Authorization no. _____ expires _____.

Date _____ Signed _____ Name _____
 (by representative) (assembler that certified and constructed field assembly)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by _____

_____ have compared the statements in this Manufacturer's Data Report with the described boiler and state that the parts referred to as data items _____ not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the manufacturer and/or the assembler has constructed and assembled this boiler in accordance with Section IV of the ASME BOILER AND PRESSURE VESSEL CODE. The described boiler was inspected and subjected to a hydrostatic test of _____.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the boiler described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date _____ Signed _____ Commission _____
 (Authorized Inspector) (National Board commission number and endorsement)

107/15)

BOILER 2 DATA REPORT

FORM H-3 MANUFACTURER'S DATA REPORT FOR WATERTUBE BOILERS Page 1 of 2
As Required by the Provisions of the ASME Code Rules, Section IV

1. Manufactured and certified by The Group Simoneau Inc. 1541 Rue De Coulomb Boucherville, Quebec, J4B 8C5, Canada
(name and address of manufacturer)

2. Manufactured for Simoneau & Sterling Inc, 150 Armstrong Ave unit 8 Georgetown, Ontario, L7G 5G8, Canada
(name and address of purchaser)

3. Location of installation West Village Dec, 13231 103A Avenue, Surrey, BC, Canada
(name and address)

4. Unit identification Complete Boiler 5105 L1288.1 403360-500WX-200Rev. C 236 2018
(complete boiler, superheater, waterwall, etc.) (manufacturer's serial no.) (CRN) (drawing no.) (National Bd. no.) (year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design conforms to ASME Code, Section IV, 2015
(year) [addenda (as applicable)](date) (Code Case no.)

6. (a) Drums:

No.	Inside Diameter	Inside Length	Shell Plates			Tube Sheets		Tube Hole Ligament Efficiency, %	
			Material Spec. Grade	Thickness	Inside Radius	Thickness	Inside Radius	Longitudinal	Circumferential
1	10.02"	181 1/8"	SA-53-B ERW	0.365"	5.01"	0.365"	5.01"	0.492	1
2	10.02"	163 3/16"	SA-53-B ERW	0.365"	5.01"	0.365"	5.01"	0.477	1

No.	Longitudinal Joints		Circum. Joints		Heads				Hydrostatic Test
	No. & Type*	Efficiency	No. & Type	Efficiency	Material Spec. Grade	Thickness		Type**	
1	1 (2)	1	4 (2)	1	Flange, Blind & WNRF, SA-105	Class 150	Class 150	-	-
2	1 (2)	1	4 (2)	1	Flange, Blind & WNRF, SA-105	Class 150	Class 150	-	-

*Indicate if (1) seamless, (2) fusion welded.

**Indicate if (1) flat, (2) dished, (3) ellipsoidal, (4) hemispherical.

6. (b) Boiler tubes:

Diameter	Thickness	Material Spec. No. Grade	No.	How Attached
1 1/2"	0.105"	SA-178 A	178	Welding
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

6. (c) Headers no _____

(box or sinuous or round, material spec. no., thickness)

Heads or ends _____ Hydro. test _____
(shape, material spec. no., thickness)

6. (d) Staybolts _____

(material spec. no., diameter, size telltale, net area)

Pitch _____ Net area _____ Design pressure _____
(supported by one bolt)

6. (e) Mud drum _____

(for sect. header boilers state size, shape, material spec. no., thickness)

Heads or ends _____

(shape, material spec. no., thickness)

Hydro. test _____

7. Waterwall headers:

No.	Size and Shape	Material Spec. No. Gr.	Thickness	Shape	Thickness	Material Spec. No. Gr.	Hydro. Test	Diameter	Thickness	Material Spec. No. Gr.
1	3.826" Round	SA-53 B	0.337"	Flat	0.250"	SA-36	-	1 1/2"	0.120"	SA-178 A
2	3.826" Round	SA-53 B	0.337"	Flat	0.250"	SA-36	-	1 1/2"	0.120"	SA-178 A
3	2.624" Round	SA-53 B	0.438"	Flat	0.250"	SA-36	-	1 1/2"	0.120"	SA-178 A

8. (a) Other parts (1) _____ (2) _____ (3) _____

(b) Tubes for other parts _____

1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-

9. Nozzles, inspection, and safety valve openings:

Purpose (inlet, outlet, drain, etc.)	No.	Diameter or Size	Type	How Attached	Material	Nom. Thickness	Reinforcement Material	Location
Water Outlet/Inlet & Inspection	3	8" NPS	WNRF	Butt Weld	SA-105	Class 150	N/A	Drums
LWCO ; Safety valve	3	2" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Vent	1	1" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Thermometer; Aquastat; Spare	5	3/4" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Pressure Gauge	1	1/2" NPT	Coupling	HW-731 (b)	SA-105	Class 3000	N/A	Upper Drum
Cleaning	1	6" NPS	WNRF	Butt Weld	SA-105	Class 150	N/A	Lower Drum
Drain	1	1 1/2" NPT	Half-Cplg	HW-731 (c)	SA-105	Class 3000	N/A	Lower Drum

(07/15)

Manufactured by The Group Simoneau Inc. 1541 Rue De Coulomb Boucherville, Quebec, J4B 8C5, Canada

Mfr's Serial No. 5105 National Board No. 236

10.

		MAWP	Maximum water temp.	Shop Hydro. Test	Heating Surface		11. Field Hydro. Test
a	Boiler	160 psi	250 °F	240 psi	1277 FT ²	Heating surface to be stamped on drum heads. This heating surface not to be used for determining minimum safety valve capacity.	-
b	Waterwall	160 psi	250 °F	240 psi	217 FT ²		-
c	Superheater	-	-	-	-		-
d	Other parts	-	-	-	-		-

12. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report _____

13. Remarks : X-ray not Required; PWHT Not Required; Corrosion Allowance 0"; Manufacturing Drawing: 403360-500WX-200 Rev. F; Other Connexion: Water inlet/Outlet & Inspection = Flange WNRF 8" Class 150 attached to Concentric reducer 8" x 10" Bore Std, SA-234 WPB; Cleaning = Flange WNRF 6" Class 150 attached to Concentric reducer 6" x 10" Bore Std, SA-234 WPB; Drain = (2x) Pipe 1" Sch. 80, SA-106 B + (1x) Elbow 90° 1" Sch. 80, SA-234 WPB; Heads = (1x) Blind Flange 8" Class 150, SA-105 + (1x) BLind Flange 6" Class 150, SA-105 + (16x) Stud bolts 3/4"-10NC, SA-193 B7 + (32x) Hex. Hy. Nuts 3/4"-10NC. SA-194 2H;

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this data report are correct and that all details of design, material, construction, and workmanship of this boiler conform to Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

"H" Certificate of Authorization No. 33 449 expires July 17 2020

Date Feb. 01, 2018 Signed [Signature] Name The Group Simoneau Inc.
(by representative) (manufacturer that constructed and certified boiler)

CERTIFICATE OF SHOP INSPECTION

Boiler constructed by The Group Simoneau Inc. at 1541 Rue De Coulomb Boucherville Quebec J4B 8C5 Canada

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by Regie Du Bâtiment Du Quebec

_____ have inspected parts of this boiler referred to as data items 1-2-3-4-5-6(a)-6(b)-7-9-10-13 and have examined Manufacturer's Partial Data Reports for items _____ and state that, to the best of my knowledge and belief, the manufacturer has constructed this boiler in accordance with Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the boiler described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date Feb. 01, 2018 Signed [Signature] Commission MB #14094 AI
(Authorized Inspector) (National Board commission number and endorsement)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the field assembly construction of all parts of this boiler conforms with the requirements of Section IV of the ASME BOILER AND PRESSURE VESSEL CODE.

"H" Certificate of Authorization no. _____ expires _____

Date _____ Signed _____ Name _____
(by representative) (assembler that certified and constructed field assembly)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by _____

_____ have compared the statements in this Manufacturer's Data Report with the described boiler and state that the parts referred to as data items _____ not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the manufacturer and/or the assembler has constructed and assembled this boiler in accordance with Section IV of the ASME BOILER AND PRESSURE VESSEL CODE. The described boiler was inspected and subjected to a hydrostatic test of _____.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the boiler described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date _____ Signed _____ Commission _____
(Authorized Inspector) (National Board commission number and endorsement)

(07/15)