

**FORM P-2A MANUFACTURER'S DATA REPORT FOR ALL TYPES OF ELECTRIC BOILERS** CO 6633A Page 1 of 2  
**As Required by the Provisions of the ASME Code Rules, Section I**

PART I - To Be Completed by the Manufacturer of the Boiler Pressure Vessel

1. Manufactured by PRECISION BOILERS, LLC 5727 SUPERIOR DRIVE MORRISTOWN, TENNESSEE 37814  
(Name and address of manufacturer of boiler pressure vessel)
2. Manufactured for Florida Hydronics Inc 2929 Edison Ave Jacksonville, FL 32254  
(Name and address of purchaser)
3. Location of installation W.W. Gay Mechanical Contr. 132 A. Masters Dr St. Augustine, FL 32084  
(Name and address)
4. Type: Resistance Element Boiler No. 19613 - ST20180CC-001-V 19613 2011  
(resistance element, electrode) (Mfg's Serial No.) (CRN) (Drawing No.) (Nat'l. 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, construction, and workmanship conform to Section I of the ASME Boiler and Pressure Vessel Code 2010 Edition Addenda to None and Code Cases -.  
(year) (date) (Numbers)

Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors are attached for the following items of this report:

6. Shells or drums: 1 SA53-B 1/4" 19 1/2" 42" - -  
(no.) (mat'l. spec. gr.) (thickness (in.)) (dia. (ID)) (length, inside) (dia. (ID)) (length, inside)
7. Joints: ERW 100% Welded 1  
(long (seamless, welded)) (efficiency (as compared to seamless)) (girth (seamless, welded)) (no. of shell courses)

8. Heads Top & Bottom SA516-70; 1"; Flat  
(Mat'l. Spec. No.: thickness - flat, dished, ellipsoidal - radius of dish)

9. Other Parts. 1. Inspection A&B / LWCO 1&2 2. Control / Surface BO 3. Aux. LWCO  
(Brief description - i.e. dome, boiler, piping, etc.)
1. (2) 3" Coupling SA105 .375 Thk 3088 psi / (2) 1" Sch 80 SA106-B .179 Thk 4084 psi
2. (1) 3/4" Sch 80 SA106-B .200 Thk 3158 psi / (1) 1/2" Sch 80 SA106-B .147 Thk 5250 psi
3. (1) 3/8" Coupling SA105 .103 Thk 4120 psi

10. Opening: (a) Steam (1) 1" Sch 80 SA106-B (b) Safety Valve (1) 3/4" Sch 80 SA106-B  
(No., size, and type) (No., size, and type)
- (c) Blowoff (1) 1" Elbow SA105 (d) Feed (1) 3/4" Sch 80 SA106-B - Shell  
(No., size, and type) (No., size, type, and location)
- (e) Manholes: No. - Size - Location -
- (f) Handholes: No. - Size - Location -
- (g) Elements/Electrodes: No. 12 Size 1 1/2" Location Head
11. Boiler Supports: No. 2 Type Saddles Attachment Welded  
(saddles, legs, lugs) (bolted or welded)

12. MAWP 100 psi Based on PG27.2.2  
(Code par. and/or formula)

13. Shop Hyrdostatic Test 150 psig

14. Maximum Designed Steaming Capacity 630 lb/hr

15. Remarks -
- Customer PO# 056618

**CERTIFICATE OF COMPLIANCE OF BOILER PRESSURE VESSEL**

We certify the statements in Part I of this Data Report to be Correct.

Our Certificate of Authorization No. 17,121 to use the (S) or (M) S Symbol expires 9/15/2013

Date 10/5/2011 Signed Ange Kuncel Name PRECISION BOILERS, LLC  
(Authorized Representative) (mfr. of boiler pressure vessel)

## FORM P-2A (Back)

## CERTIFICATE OF SHOP INSPECTION OF BOILER PRESSURE VESSEL

BOILER PRESSURE VESSEL MADE BY PRECISION BOILERS, LLC at 5727 SUPERIOR DRIVE MORRISTOWN, TENNESSEE 37814  
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TN  
and employed by HSB CT have inspected parts of this boiler pressure vessel referred  
to as data items 1-14 and have examined Manufacturer's Partial Data Reports for items NONE  
and state that, to the best of my knowledge and belief, the manufacturer has constructed this boiler pressure vessel in accordance with the applicable sections  
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 pressure vessel 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 10/5/2011

(Authorized Inspector)

## Commissions

NB9475A TN4163  
(Natl. Board (incl. endorsements), State, Province and No.)

~~Part II - To Be Completed by the Manufacturer Responsible for the Completed Boiler~~

Item	Piping				Valves			
	Size	Sch.	Spec.	Bolted, Threaded, or Welded	Size	Type	Rating	No.
(a) Steam Pipe	1"	80	SA106-B	Threaded	Supplied	by	Others	-
(b) Feed Water	3/4"	80	SA106-B	Threaded	Stop	Globe	200 WSP	1
Feed Water	3/4"	80	SA106-B	Threaded	Check	Spring	200 WSP	1
(c) Blowoff	1"	80	SA106-B	Threaded	1"	Wye	200 WSP	1

17. Safety Valve(s) No.	1	Size	1/2" x 3/4"	Set Press	100	Total Capacity lb/hr	643
18. Heating Elements Installed:	Quantity	12	kW Total		180		
19. Electrodes:	Quantity	-	kW Total		-		
20. Hydrostatic Test of Completed Boiler			150	psig			

## CERTIFICATE OF COMPLIANCE OF COMPLETED BOILER

We certify that this completed boiler conforms with the requirements of SECTION I of the ASME BOILER AND PRESSURE VESSEL CODE.

Our Certificate of Authorization No. 17,121 to use the (S), (M), or (E) S Symbol expires 9/15/2010

Date \_\_\_\_\_ Signed \_\_\_\_\_ By PRECISION BOILERS, LLC  
(Authorized Representative) (Assembler)

## CERTIFICATE OF SHOP INSPECTION OF COMPLETED BOILER

BOILER MADE BY NOT REQUIRED PER PEB 18.1 at

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of \_\_\_\_\_ and employed by \_\_\_\_\_ of \_\_\_\_\_ and have inspected the \_\_\_\_\_ completed boiler and have examined Manufacturer's Partial Data Reports for \_\_\_\_\_.

and state that, to the best of my knowledge and belief, the Manufacturer has constructed this boiler in accordance with the applicable sections 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 \_\_\_\_\_ Commissions \_\_\_\_\_  
(Authorized Inspector) (Natl. Board (incl. endorsements), State, Province and No.)

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