

FORM P-2A MANUFACTURERS' DATA REPORT FOR ALL TYPES OF ELECTRIC BOILERS

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 TDC Manufacturing, Inc., 155 Route 81 South, Schuylkill Haven, PA 17972
(Name and address of manufacturer of boiler pressure vessel)
2. Manufactured for Sussman Automatic Corp, 43-20 34th Street, Long Island City, NY 11101
(Name and address of purchaser)
3. Location of Installation Unknown
(Name and address)
4. Type Resistance Element Boiler No. 68084 D5257.6C
(resistance element, electrode) (Mfr's Serial No.) (CRN)
AU-349 Rev. C 68084 Year Built 2008
(Drawing No.) (Nat'l Brd. No.)
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 2007
(year)
- Addenda to A07 and Code Cases None
(date) (Numbers)

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

N/A

(Name of part, item number, mfr's name and identifying stamp)

6. Shells or drums: 1 SA-285C 1/4" 12" 18" N/A N/A
(no.) (mat'l. spec. gr.) (thickness (in)) (dia (ID)) (length, inside) (dia (ID)) (length, inside)
7. Joints: Welded 100% N/A 1
(long (seamless, welded)) (efficiency (as compared to seamless)) (girth (seamless, welded)) (No. of shell courses)
8. Heads: SA-285C, 3/8" Thk. Flat
(Mat'l Spec. No.: thickness---flat, dished, ellipsoidal --- radius of dish)
9. Other Parts. 1. Element Flange (2) 2. Stays (2) 3. N/A
(Brief Description --- i.e. dome, boiler piping, etc.)
1. SA-106B, 4" Double Extra Strong Seamless Pipe, 0.674" thk,
2. SA-36 Round, 1" thk
3. _____
(Mat'l. Spec., Gr., size, material thickness, MAWP)
10. Openings: (a) Steam (1) 1/2" Half Coup, SA-105, Class 3000, Shell (b) Safety Valve (1) 1/2" Half Coup, SA-105, Class 3000, Shell
(No., size, and type) (No., size, and type)
(c) Blowoff (1) 1/2" Half Coup, SA-105, Class 3000 Shell (d) Feed (1) 1/2" Half Coup, SA-105, Class 3000, Shell
- (e) Manholes: No. N/A Size _____ Location _____
- (f) Handholes: No. N/A Size _____ Location 1
- (g) Elements/Electrodes: No. 2 Size 3, 125"-36 KW Total Location Front, Lower Shell
11. Boiler Supports: No. Self Supported Type N/A
(saddles, legs, lugs)

Attachment N/A
(bolted or welded)12. MAWP 100 psi Based on PG31
(Code, para, and/or formula)13. Shop Hydrostatic Test 300 psig 14. Maximum Designed Steaming Capacity 119 lb / hr

15. Remarks Tapped Openings
(2) 3/8" NPT Top Head
(1) 1" NPT Bottom Head
1) Product design provided by Sussman-Automatic Corp. 2) Relief valve supplied by Sussman-Automatic Corp

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. 18,959 to use the (S) or (M) "M"Symbol expires September 8, 2009Date 08/27/2008 Signed _____ Name TDC Manufacturing, Inc(Authorized Representative) Marc Barbe

(Mfr. Or boiler pressure vessel)

CERTIFICATE OF SHOP INSPECTION OF BOILER PRESSURE VESSEL

BOILER PRESSURE VESSEL MADE BY TDC Manufacturing, Inc. at 155 Rt. 61 South, Schuylkill Haven, PA 17972
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and / or the State or Province
 of PA and employed by One Beacon America Insurance Company
 have inspected parts of this boiler pressure vessel referred to as data items 1 - 15
 and have examined Manufacturer's Partial Data reports for Items N/A
 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 this 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 08/27/2008

 Charles C. Young, Jr. (Authorized Inspector) Commissions NB# 9544AN PA# 2392
 (Nat'l. Board (incl. endorsements), State, Province, and No.)

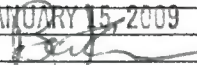
Part II - To Be Completed by the Manufacturer Responsible for the Completed Boiler

16.

Item	Piping				Valves			
	Size	Sch.	Spec.	Bolted, Threaded or Welded	Size	Type	Rating	No.
(a) Steam Pipe	<u>1</u>	<u>40</u>	<u>SB43</u>	<u>THN</u>	<u>1/2</u>	<u>Ball</u>	<u>125</u>	<u>1</u>
(b) Feed Water	<u>1/2</u>	<u>40</u>	<u>SB43</u>	<u>THN</u>	Stop	<u>1/4</u>	<u>SOL</u>	<u>200</u>
Feed Water					Check	<u>1/2</u>	<u>SPN</u>	<u>125</u>
(c) Blowoff	<u>3/4</u>	<u>40</u>	<u>SA53</u>	<u>THN</u>				<u>2</u>

17. Safety Valve(s) No 1 Size 1/2 Set Press 100 Total Capacity lb /hr 423
 18. Heating Elements Installed: Quantity 2 kW Total 30
 19. Electrodes: Quantity _____ kW Total _____
 20. Hydrostatic Test of Completed Boiler 100 psig MAWP of completed boiler 100 psig
 21. Serial No. Assigned by Manufacturer responsible for Completed Boiler 6C-32667

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. 14,958 to use the (S) or (M), or (E) E
 Symbol expires JANUARY 15, 2009
 Date OCT 6 2008 Signed  Name SUSSMAN-AUTOMATIC CORPORATION
 (Authorized Representative) (Assembler)

CERTIFICATE OF SHOP INSPECTION OF COMPLETED BOILER

BOILER MADE BY _____ at _____
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and / or 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 pressure vessel described in this
 Manufacturer's Data Report. Furthermore, neither the inspector nor this 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) (Nat'l. Board (incl. endorsements), State, Province, and No.)