375 Muscogee Road
P.O. Box 87
Cantonment, Florida 32533-0087
904 968-2121

Energy World Wide file Copy
0302716986
Mailed 11/5/87

Champion
Champion International Corporation

DER
NOV 6 1987
BAQM

November 5, 2987

Mr. Pradeep Raval
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Dear Mr. Raval:

Enclosed are two documents which we discusssed by telephone today. First is the original ASME Form P3 showing that the rental package boiler was built in 1964. The current owner of the boiler, Holman Boiler Works, Inc., replaced the tubes in the boiler in 1982. This was the last major work done on the boiler. The burner supplier, Coen, is currently rebuilding the burner to meet the .2 lb/MM Btu NOx requirement.

The second document is a page from a performance guarantee for a boiler which our Quinnesec, Michigan mill is installing as part of an expansion at that facility. This performance guarantee is for a low NOx burner which should have the same CO emissions as the standard burner which will be installed in a package boiler we are renting. The guarantee showed a CO value of 175 parts/million which for that particular boiler at its flow rate calculates as .22 lb CO/MM Btu heat input. Champion is in the process of getting a guarantee from Coen for the burner that will be installed in the package boiler we are renting. We expect that number to be .24 lb/MM Btu heat input, which should be the value in the construction permit.

If there are any questions concerning this information, please contact me at the mill.

Sincerely,

David T. Arceneaux

DTA/hs

Attachments

cc: Mr. Thomas Moody - DER, Pensacola
Mr. William Thomas - DER, Tallahassee

Copied CHF/BT Pradeep Raval, Tom Rogers, Barry Andrews 11/6/87 MY

FORM OF PAYMENT

CASH ☐ GBL/CBL ☐ FCCOD ☐

PPD ☐ COL ☐ OTH ☐ COMAT ☐

EMERY WORLDWIDE

030276986 3

E Shippers Emery Account Number: 991260597

UNITED STATES / CANADA — STANDARD SERVICES *

Same Day ☐ Next Morning ☐ Second Morning ☐ Other ☐ Metro ☐ ☐

INTERNATIONAL — STANDARD SERVICES *

Courier Express ☐ Air Cargo Service ☐ Air Economy Service ☐ Business Documents ☐ Customs Clearance ☐ Delivery ☐

Date	Origin	Shipment Number
11/5/87	FNS	030276986

Saturday Delivery ☐ | Tariff Dest. | Gateway

From:

~~David [illegible] 904/968-2121~~

CHAMPION INTERNATIONAL

[illegible] RD

CANTONMENT, FL.

Canada ☐

Customer's Reference Numbers

Zip: 32533

To:

~~Mr. Pradeep [illegible]~~

Florida Dept. of Environmental Reg.

~~2600 Blair Stone Road~~

~~Tallahassee, FL~~

Hold at Airport ☐ Canada ☐

E Consignee's Emery Account No.

Zip: 32301

C.O.D. $

C D E F G H A B

Description and Marks: ~~Urgent Letter~~

Dimensions L W H | Pieces | Weight (in lbs)

TODSR ☐ Haz Mat ☐ Edit ☐ A B C D E F G H I J K

1 2 3 4 5 6 / 7 8 9 0 1 2

Envelope 9X12 ☒ Pack 12X15 ☒

32301N

Terms and Conditions on Back

Shipper's Signature X

International Charges: Free Domicile ☐ Comm. Code

Third party Emery Account Number mandatory for Third party billing — E Third Party Emery Account No

At Origin ____

Base Charge ____

At Destination ____

TOTAL

Intl. Customs Value | Intl. Insurance

Total Transportation Charges

Other Charges ☐ OC- $

Mo.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	1	2	3	4	5	6	7	8	9	0	1	2
24 Hour Time	1	0	1	2	0	2	1		00		15	
	3	4	5	6	7	8	9		30		45	

Time Rec'd By Emery

Multiple Shpts. / Drop Box: 1 2 3 4 5 6 / 7 8 9 0 1 2 / Over 32 →

Goods Rec'd At: Shippers Door ☐ Drop Box ☐ A Emery Terminal ☐ Carrier Advance ☐ B

By: Emery Representative.

PULL

FORM P-3 MANUFACTURER'S DATA REPORT FOR WATER-TUBE BOILERS, SUPERHEATERS, WATERWALLS, AND ECONOMIZERS

As Required by the Provisions of the ASME Code Rules

1. Manufactured by WICKES BOILER COMPANY SAGINAW, MICHIGAN
(Name and address of manufacturer)

2. Manufactured for U.S. NAVY - U.S. NAVAL BASE GUANTANAMO BAY, CUBA
(Name and address of purchaser)

3. Identification BENT TUBE BOILER Boiler No. 64020-1 ASME-6030 2889 Year Built 1964
(Type of boiler, superheater, waterwall, economizer) (Mfrs. Serial No.) (Nat'l. Board No.)

4. 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 ASME Rules SECTION I

Remarks: Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report: none
(Name of Part—Item number, manufacturer's name, and identifying stamp)

We certify the statement in this data report to be correct.

Date May 4, 19 64 Signed WICKES BOILER COMPANY By Ward E Beeman
(Manufacturer) (Representative)

Certificate of Authorization Expires December 31, 19 64

CERTIFICATE OF SHOP INSPECTION

BOILER MADE BY WICKES BOILER COMPANY at SAGINAW, MICHIGAN

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of _____ and employed by HARTFORD STM. BLR. INSP. & INS. of HARTFORD, CONNECTICUT have inspected parts of this boiler referred to as data items 5a, 5b, 7a, 7b, 8a, 8b, 9a, 10, 11a, 11c, 11d 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 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 May 6th 19 64

W. S. Carmichael Commissions NB. 1423
Inspector Nat'l Board or State and No.

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

Date _____ 19 _____ Signed _____ By _____
(Assembler) (Representative)

Our Certificate of Authorization to use the _____ (A) or (B) Symbol expires _____ 19

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of _____ and employed by _____ of _____ have compared the statements in this manufacturer's data report with the described boiler and state that the parts referred to as data items 7b, 12, 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 the applicable sections of the ASME BOILER AND PRESSURE VESSEL CODE. The described boiler was inspected and subjected to a hydrostatic test of 1,163 psi.

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 _____ 19 _____

_____ Commissions _____
Inspector Nat'l Board or State and No.

Printed in U.S.A. (1/64) Copies of this Form obtainable from the ASME, 345 E. 47th St., New York, N. Y., 10017

5(a) Drums

No.	Nominal diameter in.	Length Ft	Length In.	Shell plates: Brand	Shell plates: Material spec. no.	Shell plates: Thickness	Shell plates: Inside radius	Tube sheets: Thickness	Tube sheets: Inside radius	Tube hole ligament efficiency %: Longitudinal	Tube hole ligament efficiency %: Circumferential
1	18 OD	34-	11-3/4	Seamless	SA-106-B	1.156"	7.844"	1.156"	7.844"	43.0	26.6
2	18 OD	34-	11-3/4	Seamless	SA-106-B	1.156"	7.844"	1.156"	7.844"	43.0	26.6
3	42 ID	36-	10	FB	SA-212-B	1-29/32"	21"	1-29/32"	21"	49.2	32.3
R	41-3/4 ID			FB	SA-212-B	2-1/32"	20⅞"	2-1/32"	20⅞"		
5											

No.	Longitudinal joints: No. & type*	Longitudinal joints: Efficiency %	Circum. joints: No. & type	Circum. joints: Efficiency %	Heads ★ OVAL HANDHOLES: Brand	Material spec. no.	Thickness		Type**	Radius of dish	Manholes: No.	Manholes: Size	Hydrostatic test, lb
1	0-1	100	--	--	FB	SA-212-B	3"	3"	1	--	2	4½"x5½"	1050
2	0-1	100	--	--	FB	SA-212-B	3"	3"	1	--	2	4½"x5½"	1050
3	1-2	100	4-2	100	FB	SA-212-B	1-29/32"	1-29/32"	3	Ellip.	2	12"x16"	1050
4													
5													

* Indicate if 1. Seamless; 2. Fusion welded; 3. Forge welded; 4. Riveted.

** Indicate if 1. Flat; 2. Dished; 3. Ellipsoidal; 4. Hemispherical.

5(b) Boiler Tubes

Diameter	Thickness	Material specification no.
2"	.105"	SA-178-A ERW
2"	.150"	SA-178-A ERW

(5c) Headers No. ..... (Size or sizes; Mat. spec. no.; Thickness)

Heads or Ends ..... Hydro. Test-Lb. .....
(Shape; Mat. spec. no.; Thickness)

5(d) Staybolts .....
(Mat. spec. no.; Diameter; Size telltale; Net area)

Pitch ..... Net Area ..... Max. S.W.P. .....
(Supported by one bolt)

5(e) Mud Drum .....
(For sect. header boilers. State size; Shape; Mat. spec. no.; Thickness)

Heads or Ends ..... Hydro. Test-Lb. .....
(Shape; Mat. spec. no.; Thickness)

6(a) Waterwall Headers

No.	Size and shape	Material spec. no.	Thickness	Heads or Ends: Shape	Heads or Ends: Thickness	Heads or Ends: Material spec. no.

6(b) Waterwall Tubes

Hydro. test, lb	Diameter	Thickness	Material spec. no.

7(a) Economizer Headers

2	8⅝" OD	SA-106-B	0.718"	1-0	29/32"-0"	SA-212-B	1163	2"	.180"	SA178A ERW

7(b) Economizer Tubes

8(a) Superheater Headers

2	8⅝" OD	(SA-106-B	0.718")	1-0	29/32"-0"	SA-212-B	1050	2"	.150"	SA178A ERW
1	8"	(SA-53	Sch. 80)				1050	2"	.180"	SA213T/11
1	8"	SA-53	Sch. 80	Superheater inlet pipe			1050			

8(b) Superheater Tubes

9(a) Other Parts (1) PIPING (2) ..... (3) .....

NO CONNECTIONS TO ITEM 10 EXCEPT:

9(b) Tubes for Other Parts

a	4 - 1½"	SA-53	Sch. 80	2-B.O. Pipes 2-W.C. Pipes	1050			
b	1 - 2"	SA-53	Sch. 80	Soot Blower Pipe	1050			
c	2 - 4"	SA-53	Sch. 80	Economizer Pipes	1163	1-1½"	Frg.Flg.S.V.Noz.-SH	

10 Openings (1) Steam 1 - 8" Studded Pad (2) Safety valve 2-2½"Studded Pads (drum)
(No., size, and type of nozzles or outlets)

(3) Blow off 2 - 1½" Socketweld Connections (4) Feed 1-4"Frg.Flg.Noz.R.H.Side #3 Drum
(No., size, and type of nozzles or outlets) (No., size, type, and location of connections)

11		Bursting pressure weakest part	Maximum S.W.P.	Factor of safety	Shop hydro. test	Heating surface	12 Field hydro. test
a	Boiler	2964	700	4.23	1050	10,269	
b	Waterwall						
c	Economizer	3528	775	4.55		5,270	1163
d	Superheater	3528	700	5.04	1050	1,243	

Heating surface to be stamped on drum heads. This heating surface not to be used for determining minimum ... capacity

PERFORMANCE GUARANTEE

subject to the fulfillment of the performance conditions specified in the preceding paragraphs, the Company guarantees that the equipment will be capable of achieving the following performance during the test period specified herein.

A. Maximum Continuous Capacity

1. The Company guarantees the equipment proposed hereunder to be capable of evaporating steam for a continuous period of 24 hours at a rate of 300,000 lb of steam per hour when firing the specified Natural Gas or No. 6 Fuel Oil, with a -20 Deg. F inlet air temperature.

B. Performance (at an evaporation rate of 300,000 lb/hr)

1. The maximum average solids in steam leaving the upper drum will not exceed 0.05 ppm when the total dissolved solids in the boiler water are less than 100 ppm.

2. The maximum average steam temperature at the desuperheater outlet will be 752 Deg.F (+/- 10 Deg.F) from 120,000 to 300,000 lb/hr steam when firing the specified Natural Gas.

3. The average gas temperature leaving economizer at MCR will be 350 Deg.F(+/- 15 deg F) when firing the specified Natural Gas.

4. The thermal efficiency will not be less than 82.6% when firing the specified Natural Gas

5. The thermal efficiency will not be less than 87.7% when firing the specified No.6 Fuel Oil.

C. Emissions

1. When firing the specified Natural Gas with a maximum fuel fired of 398.2 MM Btu/hr, the proposed unit will not exceed the following exhaust gas emission levels. Test equipment, procedures, and calculations shall be in accordance with the methods listed in 46 CFR Part 30, Appendix A:

a. NOx	: .08 lb/MM BTU	(Test Method # 7)
b. CO	: 175 ppm	(Test Method #10)
c. Total Hydrocarbon	: 20 ppm	(Test Method #25)

Corr

e. The SO2 concentration is an exclusive function of the Sulfur content of the fuel fired. Therefore, SO2 emissions are not within the control of the boiler manufacturer.

THE GUARANTEES SET FORTH ABOVE ARE THE ONLY PERFORMANCE GUARANTEES MADE BY THE COMPANY.

375 Muscogee Road
P.O. Box 87
Cantonment, Florida 32533-0087
904 968-2121

Emery
0302-6984-1

PM
10/29/87
Cantonment, FL

file copy

Champion
Champion International Corporation

DER
OCT 30 1987
BAQM

October 29, 1987
AC 17-140962

Mr. William Thomas
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Dear Mr. Thomas:

Attached is the additional information which was requested during our meeting on October 23, 1987.

If I can provide any other information, please call.

Sincerely,

David T. Arceneaux
Supervisor
Environmental Control

DTA/ma
Attachment

cc: Thomas Moody, DER Pensacola

Pradeep Raval, DER Tallahassee
Thomas Rogers, DER Tallahassee
CHF1ST

FORM OF PAYMENT *

CASH ☐ GBL/CBL ☐ _____ FCCOD ☐

PPD ☒ COL ☐ OTH ☐ COMAT ☐

E Shippers Emery Account Number 91216597

EMERY WORLDWIDE

030276984 1

UNITED STATES / CANADA — STANDARD SERVICES *

Same Day ☐ Other ☐
Next Morning ☒ Metro ☐
Second Morning ☐

INTERNATIONAL — STANDARD SERVICES *

Courier Express ☐ Business Documents ☐
Air Cargo Service ☐ Customs Clearance ☐
Air Economy Service ☐ Delivery ☐

Date 10/28/97 | Origin FTS | Shipment Number 030276984

From:

David Arceneaux 904/368-2121

CHAMPION INTERNATIONAL

PURDOM RD

CANTONMENT, FL

Canada ☐

Customer's Reference Numbers

Zip 32533

To:

Mr. William Thomas - DEP

Twin Towers Office Building

2600 Blair Stone Road

Tallahassee, FL

Canada ☐

E Consignee's Emery Account No.

Zip 3 2 3 0 1

Saturday Delivery ☐

Tariff Dest. | Gateway

C.O.D. $

Hold at Airport ☐

C ☐ D ☐ E ☐ F ☐ G ☐ H ☐ A ☐ B ☐

Description and Marks	Dimensions L	W	H	Pieces	Weight (in Lbs)
Urgent Envelope				1	1

TODSR ☐ Haz Mat ☐ Edit ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G ☐ H ☐ I ☐ J ☐ K ☐

1 2 3 4 5 6
7 8 9 0 1 2

Envelope 9X12 ☒ Pack 12X15 ☐

3230N

Terms and Conditions on Back

Shipper's Signature X

International Charges: Free Domicile ☐ Comm. Code

Third party Emery Account Number mandatory for Third party billing — E — Third Party Emery Account No

At Origin _____
Base Charge _____
At Destination _____
TOTAL _____

Intl. Customs Value | Intl. Insurance

Total Transportation Charges | Other Charges ☐ OC- $

	Mo.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Time Rec'd By Emery	Day	1	2	3	4	5	6	7	8	9	0	1	2
	24 Hour Time	1	0	1	2	0	2	1		00		15	
		3	4	5	6	7	8	9		30		45	

Multiple Shpts. / Drop Box: 1 2 3 4 5 6 / 7 8 9 0 1 2 / Over 32 →

Goods Rec'd At: Shippers Door ☒ Drop Box ☐ A ☐ Emery Terminal ☐ Carrier Advance ☐ B ☐

By: Emery Representative

Natural Gas Usage
(Million Cubic Feet)

Boiler	No.1/No.1 Mill	No.3/No.1 Mill	Package No.4 No.2 Mill
Permit	A017-30106	A017-30107	A017-30110
Year	Gas Burned	Gas Burned	Gas Burned
Pre 1980	342	1009	240
1980	94	887	105
1981	27	578	171
1982	0	0	0

Note: Natural gas factor 1.1×10^6 Btu/ft^3 gas.