

**FORM P-2 MANUFACTURERS' DATA REPORT FOR ALL TYPES OF BOILERS
EXCEPT WATERTUBE AND ELECTRIC**

500 H.P.

As Required by the Provisions of the ASME Code Rules, Section I

Manufactured by Hurst Boiler and Welding Company Inc. 21971 US HWY. 319 N., COOLIDGE, GA. 31738
(Name and address of Manufacturer)

Manufactured for SPIRIT CONSTRUCTION SERVICES, INC.; 3131 MARKET STREET; GREEN BAY, WI. 54304
(Name and address of purchaser)

Location of installation ST PAPER - OCONTO FALLS TISSUE; 106 E. CENTRAL AVE.; OCONTO FALLS, WI. 54154
(Name and address)

Type: HYBRID Boiler No. HYB9750-200-1 NA 0700142 14,245 Year Built 2008
(HRT, etc.) (Mfr's. Serial No.) (CRN) (Drawing No.) (Nat'l. Board No.)

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 NONE, 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:

NONE
(Name of part, item number, mfr's name and identifying stamp)

Shells or drums: 1 SA-516-70 3/4" 120" 268.25" NA NA
(no.) (mat'l. spec., gr.) [thickness (in.))] [dia. (ID)] (length, inside) [dia. (ID)] (length, inside)

Joints: WELDED 100% WELDED 3
[long. (seamless, welded)] [efficiency (as compared to seamless)] [girth (seamless, welded)] (no. of shell courses)

Heads: SA-516-70 7/8" THK. FLAT NA
(Material Specification No.: Thickness - Flat, Dished, Ellipsoidal - Radius of Dish)

Tubesheet: SA-516-70 7/8" THK. Tube Holes: 3"
(Mat'l. Spec., Grade, Thickness) (Dia)

Tubes: No. (546) SA-178-A STRAIGHT
(Mat'l. Spec., Grade) (Straight or Bent)

Dia 3" Length 272-1/2" Gauge 12
(if various, give max & min) (or thickness)

Furnace No. NA Size NA Length, each section NA Total NA
(O.D. or W x H)

Type NA
(Plain, Adamson, Ring Reinforced, Corrugated, Combined, or Stayed)

NA Seams: Type NA
(Mat'l. Spec., Grade, Thickness) (Seamless, Welded)

Staybolts: No. 32 Size 2" SA-675-70 100.54" SQ.
(Dia. Mat'l., Spec., Grade, Size Telltale, Net Area)

Pitch 12.75" MAWP 200 psi.
(Hor. and Vert.)

Stays or braces:

Location	Material Spec. No.	Type	No. & Size	Max. Pitch	Fig. PFT-32 L/1	Dist. Tubes to Shell	MAWP, psi.
(a) F.H. above tubes	SA-675-70	DIAG.	(16) 2"	12.75"	13	46"	200
(b) R.H. above tubes	SA-675-70	DIAG.	(16) 2"	12.75"	13	46"	200
(c) F.H. below tubes	NA						
(d) R.H. below tubes	NA						
(e) Through stays	NA						
(f) Dome braces	NA						

Other parts 1. MEMBRANE TUBES 2. MEMBRANE HEADERS 3. MEMBRANE HEADERS
(Brief Description - i.e., Dome, Boiler Piping, etc.)

1. (124) 2-1/2" X 105", SA-178-A BENT BOILER TUBES, 12 GAUGE, 200 P.S.I.

2. (3) 10" SCH 40, SA-106-B PIPES, T. & B. MEMBRANE HEADERS, - (2) 10" STD. WELD TEE'S, SA234 GR WPB, 200 P.S.I.

3. (3) 10" 300# R.F., BLIND FLGS., SA-105 - (3) 10" 300# R.F., W.N. FLGS., SA-105, 200 P.S.I.

(Mat'l. Spec., Grade, Size, Material Thickness, MAWP)

FORM P-2 (Back)

i. Openings: (a) Steam (1) 10" FLG., SA105 - 10" SCH80, SA-106-B PIPE (b) Safety Valve (2) 3" THD. CPLGS., T. SHL. (c) Blowoff (2) 2" FLGS., SA105-(2) 2" SCH80, SA106B PIPES (d) Feed (2) 2-1/2" FLGS., SA105 - 2-1/2" SCH80, SA106B PIPES (e) Manholes: No. 1 Size 12" X 16" Location TOP OF SHELL (f) Handholes: No. 4 Size 3" X 4" Location B. & S. SHL.

j. Fusible Plug (if used) NONE (No. Dia., Location, Mfr's. Stamp)

k. Boiler Supports: No. 2 Type SADDLES Attachment WELDED (Saddles, Legs, Lugs) (Bolted or Welded)

l. MAWP 200 psi Based On PG-27 Heating Surface 9750 sq ft (Code Par. and/or Formula) (Total)

m. Shop Hydrostatic Test 300 psig. 20. Maximum Designed Steaming Capacity 51,750 lb/hr

n. Remarks SEE P-6 FORM FOR OTHER PARTS. SEE P-7 FORM FOR SAFETY VALVES REQUIRED.

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 I of the ASME BOILER AND PRESSURE VESSEL CODE.

Our Certificate of Authorization no. 17222 to use the (S) S symbol expires JAN. 6, 2009

Date 3-3-08 Signed Ashley Johnson Name Hurst Boiler and Welding Company Inc. (Authorized Representative) (Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Boiler constructed by Hurst Boiler and Welding Company Inc. at 21971 US HWY. 319 N., COOLIDGE, GA. 31738, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the state or province of GEORGIA and employed by ONE BEACON AMERICA INSURANCE

BOSTON, MA. have inspected parts of this boiler referred to as data items 4-15, 17-21 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 in accordance with Section I 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 MAR 6 2008 Signed James Flynn Commissions NB6373, A, GA498 (Authorized Inspector) (Nat'l. Board (incl. endorsements), State, Province, and No.)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

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

Our Certificate of Authorization no. to use the (A) or (S) symbol expires

Date Signed (Authorized Representative) Name (Assembler)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

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

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 the applicable sections of the ASME BOILER AND

PRESSURE VESSEL CODE. The described boiler was inspected and subjected to a hydrostatic test of 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 Signed (Authorized Inspector) Commissions (Nat'l. Board (incl. endorsements) State, Province and No.)

FORM P-7 MANUFACTURERS' DATA REPORT FOR SAFETY VALVES
 As required by the Provisions of the ASME Code Rules, Section I

manufactured by Hurst Boiler and Welding Company Inc. 21971 HWY. 319 N., COOLIDGE, GA. 31738, P-7 ID No. _____
 (Name and address of Manufacturer)

Boiler manufactured for SPIRIT CONSTRUCTION SERVICES, INC.; 3131 MARKET STREET; GREEN BAY, WI. 54304
 (Name and address of purchaser)

Location of installation ST PAPER - OCONTO FALLS TISSUE; 106 E. CENTRAL AVE.; OCONTO FALLS, WI. 54154
 (Name and address)

Unit identification HURST HYBRID ID Nos. HYB9750-200-1 NA 0700142 14,245
 (Complete boiler, superheater, waterwall, economizer, etc.) (Mfr's. Serial No.) (CRN) (Drawing No.) (Nat'l. Board No.)

Identification of Safety Valves

Tag No.	Service Location	Qty.	Size	Manufacturer Name	Design or Type No.	Material*	Set Press. (psig)	Capacity (lb/hr)
						Conrt.**		
		2	3" x 4"	KUNKLE	6252 AMK01	C	200	39,480 EA.

* Material: (1) SA-216, WCB. (2) SA-217, WCB. (3) SA-217, WC9. (4) SA-182, F 22. (5) Other
 ** Connector type: (A) Groove Weld. (B) Socket Weld. (C) Threaded. (D) Flanged.

Unit Relieving Capacity

Circuit	Minimum Required (lb/hr)	Furnished (lb/hr)
Boiler	51,750	78,960
Economizer		
Superheater		
Reheater Inlet		
Reheater Outlet		

500 H.P.

FORM P-7 MANUFACTURERS' DATA REPORT FOR SAFETY VALVES
As required by the Provisions of the ASME Code Rules, Section I

manufactured by Hurst Boiler and Welding Company Inc. 21971 HWY. 319 N., COOLIDGE, GA. 31738, P-7 ID No. _____
 (Name and address of Manufacturer)

Boiler manufactured for SPIRIT CONSTRUCTION SERVICES, INC.; 3131 MARKET STREET; GREEN BAY, WI. 54304
 (Name and address of purchaser)

Location of installation ST PAPER - OCONTO FALLS TISSUE; 106 E. CENTRAL AVE.; OCONTO FALLS, WI. 54154
 (Name and address)

Unit identification HURST HYBRID ID Nos. HYB9750-200-1 NA 0700142 14,245
 (Complete boiler, superheater, waterwall, economizer, etc.) (Mfr's. Serial No.) (CRN) (Drawing No.) (Natl. Board No.)

Identification of Safety Valves

Tag No.	Service Location	Qty.	Size	Manufacturer Name	Design or Type No.	Material*	Set Press. (psig)	Capacity (lb/hr)
						Conn.**		
		2	3" x 4"	KUNKLE	6252 AMK01	C	200	39,480 EA.

* Material: (1) SA-216, WCB. (2) SA-217, WC6. (3) SA-217, WC9. (4) SA-182, F 22. (5) Other
 ** Connector type: (A) Groove Weld. (B) Socket Weld. (C) Threaded. (D) Flanged.

Unit Relieving Capacity

Circuit	Minimum Required (lb/hr)	Furnished (lb/hr)
Boiler	51,750	78,960
Economizer		
Superheater		
Reheater Inlet		
Reheater Outlet		

FORM P-6 MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET

As Required by the Provisions of the ASME Code Rules

Manufacturer (or Engineering-Contractor) Hurst Boiler and Welding Company Inc. 21971 US HWY. 319 N., COOLIDGE, GA. 31738
(Name and Address)

Purchaser ST PAPER - OCONTO FALLS TISSUE; 106 E. CENTRAL AVE.; OCONTO FALLS, WI. 54154
(Name and Address)

Type of boiler HURST HYBRID

Boiler No. HYB9750-200-1 NA 0700142 14,245
(Mfr's. Serial No.) (CRN) (Drawing No.) (Nat'l. Board. No.)

2008
(Year Built)

Data Items by Line No.	
4	MEMBRANE STEAM RISER - 6" SCH 40, SA-106-B PIPES, (1) 6" SCH 40, 90° ELL, SA234, WPB. (3) 6" SCH 40, WELD TEES, SA234, WPB.
5(c)	SURFACE BLOWDOWN - (1) 1-1/4" 3000# THD. CPLG., SA-105, WELDED TOP OF SHELL.
5(c)	BLOWDOWN MEMBRANE - (2) 1-1/4" SCH 80, SA-106-B PIPES. (2) 1-1/4" 300# R.F., S.O. FLGS., SA-105
4	WATER CONTROLS - (3) 1" & (3) 1-1/4" 3000# THD. CPLGS., SA-105, WELDED T. & S. SHL.
4	SPARES - (3) 3" & (1) 2" 3000# THD. CPLGS., SA-105, WELDED T. SHL.
4	DOWNCOMMER REPADS - (2) 3/4" THK., SA-516-70 PLATES, WELDED TO DOWNCOMMER.
4	HANDHOLE REPADS - (3) 1/2" THK., SA-516-70 PLATES, WELDED S. SHL. & B. SHL.
4	SUPPLY REPAD - (1) 1/2" THK., SA-516-70 PLATE, WELDED T. SHL.
4	MANWAY REPAD - (1) 1/2" THK., SA-516-70 PLATE, WELDED T. SHL.
4	WET ARCH PIPING; REPADS - (2) 1/2" THK., SA-516-70 PLATES. (2) 6" STD. 90 LR WELD ELLS, SA234 GR. WPB. 6" SCH 40 & 80, SA-106-B & SA-53-B ERW PIPES. 1/2" THK., SA-516-70 PLATES. (2) 10" X 6" STD. CONCENTRIC WELD REDUCERS, SA234 GR. WPB.
	HEADER PIPES - (3) 6" SCH 40, SA-53-B ERW PIPES.
	TUBES - (42) 2" X .105", SA-178-A 12 GAUGE TUBES.
	DOWNCOMMER PIPING - (4) 6" STD. WELD TEE'S, SA234 GR. WPB. (6) 6" STD. 90 LR WELD ELL'S, SA234 GR. WPB.
	BLOWDOWN PIPING - (2) 1-1/4" SCH 40, SA-53-B ERW PIPES (1) 1-1/4" 3000# 90° SOCKET WELD ELL'S, SA-105 (1) 1-1/4" 300# R.F., WELD S.O. FLG., SA-105
	HEADER FLGS. - (6) 6" 300# STD. R.F., W.N. FLGS., SA-105
	WALLS - (4) 1/2" THK., SA-516-70 PLATES.

Date 3-3-08 Signed Ashley Johnson By Hurst Boiler and Welding Company Inc.

Date MAR 6 2008
James Ely
(Authorized Inspector)

Commission NB6373, A, GA498
[Nat'l. Board (incl. endorsements) State, Province, and No.]

FORM P-6 MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET

As Required by the Provisions of the ASME Code Rules

1. Manufacturer (or Engineering-Contractor) Hurst Boiler and Welding Company Inc. 21971 US HWY. 319 N., COOLIDGE, GA. 31738
(Name and Address)

2. Purchaser ST PAPER - OCONTO FALLS TISSUE; 106 E. CENTRAL AVE.; OCONTO FALLS, WI. 54154
(Name and Address)

3. Type of boiler HURST HYBRID

4. Boiler No. HYB9750-200-1 NA 0700142 14,245
(Mfr's. Serial No.) (CRN) (Drawing No.) (Nat'l. Board. No.)

2008
(Year Built)

Data Items by Line No.	
	SPOOL PIECE: 8" X 8"
14	(2) 8" 300# STD. R.F., W.N. FLGS., SA-105
14	(1) 8" SCH 40, SA-106-B PIPE
14	(1) 3/4" 3000# THD. CPLG., SA-105
14	ALL WELDED TOGETHER TO FORM SPOOL PIECE APPROX. 48" LONG.
	SPOOL PIECE: 10" X 8"
14	(1) 8" 300# STD. R.F., W.N. FLG., SA-105
14	(1) 10" X 8" STD. CONCENTRIC WELD REDUCER, SA234 GR. WPB.
14	(1) 10" 300# STD. R.F., W.N. FLG., SA-105
14	ALL WELDED TOGETHER TO FORM SPOOL PIECE APPROX. 16-1/4" LONG.
14	(1) 8" 250# LUNK # 1436 OS & Y GATE VALVE
14	(1) 3/4" 300# MILL. 1184 GATE VALVE
14	(1) 3/4" SCH 40, SA-53-B WLD NIPPLE

Date 3-3-08 Signed Ashley Johnson By Hurst Boiler and Welding Company Inc.

Date MAR 6 2008
James Floyd
(Authorized Inspector)

Commission NB6373, A, GA498
[Nat'l. Board (incl. endorsements) State, Province, and No.]