TRAVELER

Customer:	M. Walsh			Job Number:	001-1
Prepared By:	D.W. Garner DWG			Code Edition & Addenda:	2007
WPS:	WRC1 / WRC2	NDE:	RT	Hydro Test Pressure/Temp:	265 psi @ 70°/120°
NCR No.:		Heat Treatment:	PW-39 Boiler/Flanged Plates		

Operation	QC Insp.	Date	Cust. Insp.	Date	AI Insp.	Date	Remarks
Design Review	DWG	7-1-08			JW	7/15/08	
Initial Review	BB	7-15-08			JN	7/15/08	
Calculations	DWG	7-1-08			JN	7/15/08	
Material Report Inspection	BB	3-1-09					
Item							
Item							
Item							
Item Front Tube Sheet					dgt	8/4/09	Dimensioned & Tube Holes Cut
Fit Up	BB	4/14/09			dgt	4/14/09	F/B Sheets & Gussets.
Root Pass	BB	1-9-09			✓		
Final Weld	BB	11-4-09					
NDE	BB	10-16-09					
Heat Treatment	BB	12-22-09					
NCR Complete					H dgt	10/13/09	NCR 001-001
Test Gauge Calculations							
Hydro	BB	3-3-10			H dgt	12/14/09	by IMR 03/03/09
Stamping	BB	3-3-10			H dgt	12/14/09	by IMR 03/03/09
Record Review							
Data Report P-2	BB	9-4-11			H dgt	1/23/12	
Report Distribution							

10/21/09 ① Observed completed welds - F.B. to Shell #1 FAT of STM DOME TO Shell PREP. dgt
'2 14/09 REREVIEWED DWG PACKAGE dgt

NON-CONFORMANCE REPORT (NCR)

Job No.: 001 (2008) Date: 7-7-08

NCR No.: 001

Part: Boiler Barrel (shell)

DESCRIPTION OF NON-CONFORMANCE: Receiving inspection notes that the long. & circ. seams have excessive reinforcement on the welds. PW-35.1 notes max. reinforcement to be 3/32", many measurements exceed this dimension.

Signed: D W Griner
Chief Mechanical Officer

RECOMMENDED DISPOSITION: Blend welds by grinding to meet the 3/32" dimension

Name: David W. Griner AS REVIEWED/ACCEPTED by A.I

Date: 7-7-08

Position: Chief Mechanical Officer

DISPOSITION APPROVAL BY:

Authorized Inspector: ACCEPTANCE: J E Trapp 1/7/09 Date: JAN 07, 2009

Chief Mechanical Officer: D W Griner Date: 7-7-08

FINAL REVIEW:

Chief Mechanical Officer: ☒ Accepted ☐ Rejected

Signature: Bob Cadman Date: 11-5-09

Authorized Inspector: ☒ Accepted ☐ Rejected

Signature: J E Trapp Date: 11/05/08 & 10/13/2009

QUALITY CONTROL MANUAL

Wasatch Engineering & Machine Company

EXHIBIT 7

Page:	29
Section:	14
Revision:	0
Date:	08-May-2008

NON-CONFORMANCE REPORT (NCR)

Job No.: 001 (2008) Date: 7-7-08

NCR No.: 001

Part: Baiker Barrel (shell)

DESCRIPTION OF NON-CONFORMANCE: Receiving inspection notes that the long. & circ. seams have excessive reinforcement on the welds. PW-35.1 notes max. reinforcement to be 3/32", many measurements exceed this dimension.

Signed: D.W. Reiner
Chief Mechanical Officer

RECOMMENDED DISPOSITION: Blend welds by grinding to meet the 3/32" dimension

Name: David W. Reiner

Date: 7-7-08

Position: Chief Mechanical Officer

DISPOSITION APPROVAL BY:

Authorized Inspector: [signature] Date: 7/8/08

Chief Mechanical Officer: D.W. Reiner Date: 7-7-08

FINAL REVIEW:

Chief Mechanical Officer: ☒ Accepted ☐ Rejected

Signature: D.W. Reiner Date: 11-5-08

Authorized Inspector: ☒ Accepted ☐ Rejected

Signature: J.P. Troppman Date: 11/5/08 ✓

NON-CONFORMANCE REPORT (NCR)

Job No.: 001 (2008) Date: 11-17-08

NCR No.: 001-001

Part: Biper Barrel (1st Course)

DESCRIPTION OF NON-CONFORMANCE: The opening in the barrel was incorrectly laid out and cut 5 9/16 inches toward the rear, (i.e. 33 3/16" instead of 27 1/2").

Signed: David W. Griner
Chief Mechanical Officer

RECOMMENDED DISPOSITION: Replace 2/3rds of the cutout, RT final weld, grind smooth inside and outside to original dimension. Layout correct opening and cut barrel to fit dome.

Name: David W. Griner * Q.C. Hold @ fit up of repair DWG 11-28-08 SAT.

Date: 11-17-08

Position: Chief Mechanical Officer

DISPOSITION APPROVAL BY:

Authorized Inspector: _____ Date: _____

Chief Mechanical Officer: David W. Griner Date: 11-17-08

FINAL REVIEW:

Chief Mechanical Officer: ☐ Accepted ☐ Rejected

Signature: _____ Date: _____

Authorized Inspector: ☐ Accepted ☐ Rejected

Signature: _____ Date: _____

NON-CONFORMANCE REPORT (NCR)

Job No.: 001 (2008) Date: 11-17-08

NCR No.: 001-001

Part: Biper Barrel (1ST Course)

DESCRIPTION OF NON-CONFORMANCE: The opening in the barrel was incorrectly laid out and cut 5 9/16 inches toward the rear, (i.e. 33 3/16" instead of 27 1/2").

Signed: Dave Griner
Chief Mechanical Officer

RECOMMENDED DISPOSITION: Replace 2/3rds of the cutout, RT finish weld, grind smooth inside and outside to original dimension. Layout correct opening and cut barrel to fit dome.

Name: David W. Griner

Date: 11-17-08

Position: Chief Mechanical Officer

* Q.C. Hold @ fit up of repair DWG 11-28-08 SAT.

DISPOSITION APPROVAL BY:

Authorized Inspector: _____ Date: _____

Chief Mechanical Officer: Dave Griner Date: 11-17-08

FINAL REVIEW:

Chief Mechanical Officer: ☐ Accepted ☐ Rejected

Signature: _____ Date: _____

Authorized Inspector: ☐ Accepted ☐ Rejected

Signature: _____ Date: _____

ASME SECTION I FORM P-2: MANUFACTURER'S DATA REPORT FOR FIRE-TUBE BOILERS

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

WASATCH Railroad Contractors

1. Manufactured by: **WEMCO - 909 East Fox Farm Rd Unit 7, Cheyenne, Wy 82007**
2. Manufactured for: **Malarkey Wall - 17885 SW Tualation Valley Hwy, Aloha, OR 97006**
   (Name and address of purchaser)
3. Location of Installation: **Not Known -**
   (Name and address)
4. Type: **Loco** (HRT, etc.) Boiler No.: **001-1** (Mfr's. Serial No.) _____ (CRN) **001** (Drawing No.) **7** (Nat'l Board No.) Year Built: **2010** (Year - e.g. "1984" or "2001")
5. The chemical and physical properties of all parts meet the requirements of the 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 **2000** (Date), and Code Cases **None** (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, Manufacturer's name and identifying stamp)

6. Shell or drums: **1** (No.) **SA 106 Gr B** (Mat'l spec. gr.) **.500 in.** (Thickness) **38.25 in** (Diameter [I.D.]) **121.50 in** (Inside length) _____ (Diameter [I.D.]) _____ (Inside length)
7. Joints: **ERW** (Long [seamless, welded]) **100%** (Efficiency, [as compared with seamless]) _____ (Girth [seamless, welded]) **1** (No. of shell courses)
8. Heads: **See Item 9**
   (Material Specification No.: Thickness – Flat, Dished, Ellipsoidal – Radius of Dish)
9. Tubesheet: **SA 516-70, .500 in.** (Material Specification, Grade, Thickness) Tube Holes: **2.0312 in** (Diameter)
10. Boiler Tubes: No. **99** (Number of tubes) **SA 178 Gr A** (Material Specification, Grade) **Straight** (Straight or Bent)

    Diameter: **2.00 in** Length: **80.00 in** (If various, provide maximum and minimum) Gage: **0.095** (or thickness)
11. Furnace- No: **1** Size: **32.125 in x 42.375 in** (O.D. or W x H) Length: **34.25 in** (Each Section) Total: **46,624.41**

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

    SA 516-70, .50 in. (Material Specification, Grade, Thickness) Seams- Type: **seamless** (Seamless, Welded)
12. Staybolts- No.: **214** Size: **1.0 in SA 36 Gr A**
    (Diameter, Material Specification, Grade, Size of Telltale, Net Area)

    Pitch: **4 in x 4 in** (Horizontal and Vertical) MAWP: **170** psi.
13. Stays or Braces: **none**

Location	Material Spec. No.	Type	No. and Size	Maximum Pitch	Fig. PFT-32 L/l	Dist. Tubes to Shell	MAWP
(a) F.H. above tubes							
(b) R.H. above tubes							
(c) F.H. below tubes							
(d) R.H. below tubes							
(e) Through stays							
(f) Dome stays							

14. Other Parts: 1. _____ 2. _____ 3. _____
    (Brief Description – i.e. "Dome", "Boiler Piping", etc.)

    1. _____
    2. _____
    3. _____
    (Material Specification, Grade, Size, Material Thickness, MAWP)

ASME SECTION I FORM P-2 MANUFACTURER'S DATA REPORT FOR FIRE-TUBE BOILERS (CONTINUED)

Boiler No.: 001-1 (Mfr's. Serial No.) _____ (CRN) 001 (Drawing No.) 7 (Nat'l Board No.)

15. Openings: (a) Steam: (1) 6 in. O.D. with 1.75 in tapered seat (1) 2.5 in O.D. 1.75 tapered seat (Number, Size, and Type) (b) Safety Valve: (2) 1.5 in. Threaded (Number, Size, and Type)

(c) Blowoff: _____ (Number, Size, Type, and Location) (d) Feed: (2) 6 in O.D. with 1.75 in tapered seat (Number, Size, Type, and Location)

(e) Manholes- No.: 0 Size: _____ Location: _____

(f) Handholes- No.: 0 Size: _____ Location: _____

16. Fusible Plug (if used): _____ (Number, Diameter, Location, and Manufacturer's Stamp)

17. Boiler Supports- No: 3 Type: Saddles, Legs (Saddles, Legs, or Lugs) Attachment: Bolted (Bolted or Welded)

18. MAWP: 170 psi Based on: PG-46/PFT 22, Staybolts (Code Paragraph and/or Formula) Heating Surface: 54 sq ft (Total)

19. Shop Hydrostatic Test: 375 psi

20. Maximum Designed Steaming Capacity: 432 lbs per hour (e.g. "pounds per hour")

21. Remarks:

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. 37,561 to use the (S) "S" STAMP symbol expires: 28-May-2011

Date: 03-Mar-2009 Signed: _____ (Authorized Representative) Name: WEMCO (Manufacturer)

CERTIFICATE OF SHOP INSPECTION

Boiler constructed by: WEMCO at Cheyenne, WY

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 Colorado, and employed by One Beacon Amer. Ins. Co. of Lynn, MA have inspected parts of this boiler referred to as data items: 1 thru 13 and 15 thru 20 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: March 03, 2009 Signed: _____ (Authorized Inspector) Name: NB5657A IS/CO-075 (National Board [including 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

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 _____ have compared statements in this Manufacturer's Data Report with the described boiler and state that the parts referred to as 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 _____.

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) Name: _____ (National Board [including endorsements], State, Province, and No.)

MILL TEST REPORTS

Bonney Forge
14496 Croghan Pike
Mt. Union, PA 17066

CERTIFIED MILL TEST REPORT

DODSON STEEL PRODUCTS 01/05/10

LOT NO.	CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS
4329	3" 3M A105 Half Coupling Threaded

C	0.230	MN	0.670	P	0.014	S	0.004	SI	0.230
NI	0.100	CR	0.070	MO	0.020	CU	0.250	V	0.002
AL	0.028	NB	0.001						
CE(LONG FORMULA) = 0.383									
T/S 83100 Y/S 58200 EL 24.000 RA 50.000									
BRINELL HARDNESS: 167									

1. THE MATERIAL SUPPLIED MEETS THE REQUIREMENTS OF NACE MR0175-2002 AND MR0103-2005
2. THE MATERIAL SUPPLIED WAS INSPECTED AND MANUFACTURED IN ACCORDANCE WITH EN DIN 10204 3.1.B.
3. CERTIFYING ASTM A105-05 / ASME SA105-04 EDITION

THIS DOCUMENT HAS BEEN ELECTRONICALLY SUBMITTED.

BF 12-2-09

HIGH COUNTRY FABRICATION, INC.
P.O. Box 1406
Mills, Wyoming 82644
307/235-0189
FAX 307/472-4336

CALIBRATION CERTIFICATE

This instrument CHINO Recorder Model 24pt
Serial # 06-1-426 is hereby certified to meet or exceed the manufacturer's rated accuracy of .2 percent.
Certification is valid from 8-10-09 to 2-10-10.
Calibration Standard LEAD & NORTHRUP Model 8692 SN-1602076

By Mike McKenney
Position QCM
Date 8-10-09

High Country Fabrication

P.O. Box 1406
Mills, Wyoming 82644
307/ 235-0189 FAX 307/472-4336

Hico Job No. 1687 Serial No.
Quote No. Quote Date
Customer Washtch Railroad Contractors
Billing Address P.O. Box 20425 Cheyenne WY 82003
Ordered By Blake Telephone No. 307-421-8603
Location
Customer PO No. or Job No.
Job Description Stress relieve 1ea steam boiler

Order Taken By **MS** Date 12/22/2009

Job Type Bid **X** T&M Other
Est Starting Date
Shipping Instructions

	Labor			HICO Equipment				Material	
	Code	Desc	Hours	Code	Desc	Hours	Price	Code	Material to Date
Total Hours	14	Handle		102	Burn				
Labor Bid	113	Welder		110	Roll				
Equip Bid				100	Bevel				
Material Bid					Mach				
Total Bid				106	Lathe				

Completion Date By
Inspected By Date
Shipping Date Carrier
Received By Blake Cadwell Date 12-22-09

HIGH COUNTRY FAB

LAST CALIBRATION 8-10-09

DATE 12-22-09

JB# 16817 SN _____

800°F to 1150°F @ 400°F/hr

Soak @ 1150°F ± 25°F for 1hr

1150°F to 800°F @ 500°F/hr

REVIEWED BY [signature] 12-22-09

OPERATOR [signature]

THERMAL COUPLES 1+2