

TRAVELER

☐ ASME "U" ☒ NB Repair / Alteration Code/NBIC Edition: 2023 Year Built: 1991
☐ ASME "S" Original Mfg.: Alloy Fabricators S/N: 1-151 NB#: _____

 CUSTOMER: Sofix-Chattanooga JOB NO. 244930

 DESCRIPTION: C9000 vessel

 DRAWING NO.: 1-151 EQUIPMENT NO. C-9000 DATE: 7/8/24

SCOPE	QUALITY CONTROL	DATE	AUTHORIZED INSPECTOR	DATE	HOLD	NCR #
DESIGN REVIEW:						
DRAWINGS	EM	7/8/24	GRS	7/8/24		
CALCULATIONS	EM	7/8/24	GRS	7/8/24		
SPECIAL INSTRUCTION						
TRAVELER REVIEW						
MATERIAL INSPECTION:						
MAT'L LIST COMPLETE						
MTR'S CHECKED						
OTHER						
FABRICATION INSPECTION:						
NOZZLE FITUP						
GIRTH SEAM FITUP						
LONG SEAM FITUP						
INTERNAL PRIOR TO CLOSING						
WELDER QUALIFICATION						
PREHEAT REQUIREMENTS						
PWHT REQUIREMENTS						
PWHT RECEIVING INSPECTION						
PWHT CHARTS REVIEWED						
WELD SYMBOLS						
VISUAL INSPECTION						
OTHER						
RT: FULL () SPOT () _____ %						
MT () PT () UT () VT ()						
HYDROTEST @ _____ PSI						
GAUGE NO.						
GAUGE CAL. DATE						
OTHER						
FINAL						
FINAL INSPECTION						
NCR's CLOSED						
DATA REPORT						
STAMPING						
NAME PLATE ATTACHED						

(*) AI HOLD POINT

TRAVELER CONTINUATION SHEET

WELD SEAM	WELDER ID NO	WPS#	FIT-UP		ROOT PASS		FINISH WELD		NDE	
			QC DATE	AI DATE	QC DATE	AI DATE	QC DATE	AI DATE	QC DATE	AI DATE
L-1										
L-2										
L-3										
C-1										
C-2										
C-3										
C-4										
N-1										
N-2										
N-3										
N-4										
N-5										
N-6										
N-7										
N-8										
N-9										
N-10										

MATERIALS

ITEM	DESCRIPTION	HEAT/SLAB/LOT	MANUFACTURER
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			



Premier Boiler & Combustion, LLC

PRESSURE TEST REPORT

☐ Repair ☐ Alteration No. _____ Date: 7/9/24 Job Number: 244930
☐ Routine Repair ☐ Piping Install / Replacement

NBIC Edition: _____ Addition: _____ Other: _____
Original MFR: Alloy Fabricators Year Build: 1991
Serial No.: 1-151 Nat'l. Bd. No.: _____

Description of Work: C-9000, Re-rate 1/2 pipe sockt. and coils in dish
Location of Work: Sofix-Chattanooga

AIA Inspector Approval Req'd? YES ☐ NO ☒

Verified by: _____ Date: _____

Requirements

Test Medium	Water	Glycol	Air	Other
Conforms to Drawings, Codes & Specifications?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	
System Cleared by Quality Control?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	
Valves Opened and/or Closed as Required?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	
Valve Orientation Correct & Verified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	
Blinds Installed or removed as Required?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	
In Line Instruments Removed or Bypassed?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	

Pressure Test Data

Gauge Number	PB C- <u>005</u>	Design Pressure	<u>90</u> PSI
Gauge Make	<u>Bourdon</u>	Ambient Temperature	<u>85</u> °F
Gauge Range	0 - <u>300</u> PSI	MAWP	PSI
Gauge Calibrated	Date <u>8/31/23</u>	Actual Test Pressure	<u>120</u> PSI
Start Time	<u>0800</u>	Hold Time Required	10 Min
Finish Time	<u>1400</u>	Actual Hold Time	<u>6 hrs.</u> Min

Post Pressure Test

Blinds removed and accounted for?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Spring hanger stops removed?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Guides Installed?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Correct bolts and gaskets reinstalled?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
High point and Low point plugs installed?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Control Valves Installed?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Check Valve internals installed?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
System blown free of test medium?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

Acceptance of Repair / Alteration Pressure Test:

Premier Boiler Supervisor _____ Date: _____

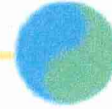
Quality Control Manager _____ Date: _____

Repair Inspector _____ Date: _____

Volunteer NDT Corporation

Chattanooga, Tennessee

Providing Inspection & Scaffolding Services



Tank Inspection C9000



Premier Boiler

VNDT Job # 24131

Procedure: TST-VT-001

TST-UT-001

External Visual: Performed

Internal Visual: Not Available

Thickness: Various

Retirement: No retirement or predictions are given
because there is no historical data on the vessel. No UI
Manufacturers Data Sheet was found to have a comparison.
Only a baseline was given at this time.

Volunteer Review By:

Heath Watson

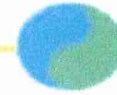
Date: 5/29/2024

Volunteer NDT Level III

Volunteer NDT Corporation

Chattanooga, Tennessee

Providing Inspection & Scaffolding Services



Premier Boiler @ Sofix

Chattanooga, TN

5/24/2024

Tech: *Heath Watson*

TST-UT-001

SS-Wedge-SN 2298-19

GE- FH2E S/N: 23A015W5

Krautkramer DMS-2

>100 Ft Candles-Streamlight

Summary:

C-9000

This was a stainless steel tank with a stainless jacket of coils. The orientation of the readings of this tank were inspection ports at the following locations. The top head had no insulation or ports, so readings were taken at +2ft from the C/L and +4ft from the C/L.

The bottom head had 4 quadrants of N,S,E,W also.

LOCATION	N	S	E	W	Average	Low
Top Head +2 ft from C/L	.241	.252	.245	.256	.249	.241
Top Head +4ft from C/L	.246	.254	.246	.254	.250	.246
Shell Course	N/A	.524	N/A	.529	.527	.524
Shell Course Coils	N/A	.122	NA/	.112	.117	.112
Bottom Head	.251	.253	.257	.239	.250	.239
Bottom Head Coils	.121	.114	.118	.121	.119	.114

