

## TRAVELER

☐ ASME "U" ☐ NB Repair / Alteration Code/NBIC Edition: \_\_\_\_\_ Year Built: 1991  
☐ ASME "S" Original Mfg.: Alloy Fabricators S/N: 1-1410 NB#: \_\_\_\_\_

CUSTOMER: Sofix, Chattanooga, TN JOB NO. 244930

DESCRIPTION: C6100 vessel

DRAWING NO.: 1-146 EQUIPMENT NO. C-6100 DATE: 7/8/24

SCOPE	QUALITY CONTROL	DATE	AUTHORIZED INSPECTOR	DATE	HOLD	NCR #
<b>DESIGN REVIEW:</b>						
DRAWINGS	EM	7/8/24	SD	7/8/24		
CALCULATIONS	EM	7/8/24	SD	7/8/24		
SPECIAL INSTRUCTION						
TRAVELER REVIEW						
<b>MATERIAL INSPECTION:</b>						
MAT'L LIST COMPLETE						
MTR'S CHECKED						
OTHER						
<b>FABRICATION INSPECTION:</b>						
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 @ <u>120</u> PSI	EM	7/9/24				
GAUGE NO. <u>PBC-001</u>	EM	7/9/24				
GAUGE CAL. DATE <u>5/8/24</u>	EM	7/9/24				
OTHER						
<b>FINAL</b>						
FINAL INSPECTION						
NCR's CLOSED						
DATA REPORT						
STAMPING						
NAME PLATE ATTACHED						

(\*) AI HOLD POINT



# Premier Boiler & Combustion, LLC

C-6100, side and dish

## PRESSURE TEST REPORT

☐ Repair ☐ Alteration No. \_\_\_\_\_ Date: 7/8/24 Job Number: 244930  
☐ Routine Repair ☐ Piping Install / Replacement

NBIC Edition: 2023 Addition: \_\_\_\_\_ Other: \_\_\_\_\_  
Original MFR: Alloy Fabricators Year Build: 1991  
Serial No.: 1-146 Nat'l. Bd. No.: \_\_\_\_\_

Description of Work: Re-rate half jacket side and dish  
Location of Work: Sofix, Chattanooga, TN

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>001</u>	Design Pressure	<u>120</u> PSI
Gauge Make	<u>Bourdon</u>	Ambient Temperature	<u>87</u> °F
Gauge Range	0 - <u>200</u> PSI	MAWP	<u>120</u> PSI
Gauge Calibrated	Date <u>5/9/24</u>	Actual Test Pressure	<u>125</u> PSI
Start Time	<u>0830</u> , <u>7/9/24</u>	Hold Time Required	10 Min
Finish Time	<u>1400</u> , <u>7/9/24</u>	Actual Hold Time	<u>6hrs</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 Eugene Mc \_\_\_\_\_ Date: 7/9/24

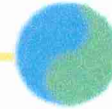
Repair Inspector \_\_\_\_\_ Date: \_\_\_\_\_



**Volunteer NDT Corporation**

Chattanooga, Tennessee

*Providing Inspection & Scaffolding Services*



**Tank Inspection C6100**



**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 U1  
Manufacturers Data Sheet was found to have a comparison.  
Only a baseline was given at this time.

Volunteer Review By: *Heath Watson*

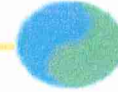
Date: 5/29/2024

Volunteer NDT Level III

# Volunteer NDT Corporation

Chattanooga, Tennessee

Providing Inspection & Scaffolding Services



Premier Boiler @ Sofix

Chattanooga, TN

5/24/2024

Tech: *Heath Winton*

TST-UT-001

SS-Wedge-SN 2298-19

GE- FH2E S/N: 23A015W5

Krautkramer DMS-2

>100 Ft Candles-Streamlight

## Summary:

## C-6100

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	.238	.249	.241	.247	.244	.238
Top Head +4ft from C/L	.239	.247	.240	.249	.244	.239
Shell Course	.238	.247	.243	.239	.242	.238
Bottom Head	.258	.263	.254	.251	.257	.251

