TRAVELER

☐ ASME "U" ☐ NB Repair / Alteration Code/NBIC Edition: _____ Year Built: 1991

☐ ASME "S" Original Mfg.: Alloy Fabricators S/N: 1-1460 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 #
DESIGN REVIEW:						
DRAWINGS	EM	7/8/24	SD	7/8/24		
CALCULATIONS	EM	7/8/24	SD	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 @ 120 PSI	EM	7/9/24				
GAUGE NO. PBC-001	EM	7/9/24				
GAUGE CAL. DATE 5/8/24	EM	7/9/24				
OTHER						
FINAL						
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 locket 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 ☒	No ☐	N/A ☐				
System Cleared by Quality Control?	Yes ☒	No ☐	N/A ☐				
Valves Opened and/or Closed as Required?	Yes ☒	No ☐	N/A ☐				
Valve Orientation Correct & Verified?	Yes ☒	No ☐	N/A ☐				
Blinds Installed or removed as Required?	Yes ☒	No ☐	N/A ☐				
In Line Instruments Removed or Bypassed?	Yes ☒	No ☐	N/A ☐				

Pressure Test Data			
Gauge Number	PB C- 001	Design Pressure	120 PSI
Gauge Make	Bourdon	Ambient Temperature	87 °F
Gauge Range	0 - 200 PSI	MAWP	120 PSI
Gauge Calibrated	Date 5/9/24	Actual Test Pressure	125 PSI
Start Time	0830, 7/9/24	Hold Time Required	10 Min
Finish Time	1400, 7/9/24	Actual Hold Time	6hrs Min

Post Pressure Test							
Blinds removed and accounted for?	Yes ☒	No ☐	N/A ☐				
Spring hanger stops removed?	Yes ☒	No ☐	N/A ☐				
Guides Installed?	Yes ☒	No ☐	N/A ☐				
Correct bolts and gaskets reinstalled?	Yes ☒	No ☐	N/A ☐				
High point and Low point plugs installed?	Yes ☒	No ☐	N/A ☐				
Control Valves Installed?	Yes ☒	No ☐	N/A ☐				
Check Valve internals installed?	Yes ☒	No ☐	N/A ☐				
System blown free of test medium?	Yes ☒	No ☐	N/A ☐				

Acceptance of Repair / Alteration Pressure Test:

Premier Boiler Supervisor _____ Date: _____

Quality Control Manager Eddie 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 Whitson

TST-UT-001
SS-Wedge-SN 2298-19
GE- FH2E S/N: 23A015W5 *Krautkramer DMS-2*
>100 Ft Candles-Streamlight

C-6100

Summary:

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