

TRAVELER

☐ ASME "U" ☒ NB Repair / Alteration Code/NBIC Edition: 2023 Year Built: 1991
☐ ASME "S" Original Mfg.: Alloy Fabricators S/N: 1-140 NB#: _____

CUSTOMER: Sofix-Chatanooga JOB NO. 244930

DESCRIPTION: C5012 Vessel Re-rate

DRAWING NO.: 1-140 EQUIPMENT NO. C5012 DATE: 7/8/24

SCOPE	QUALITY CONTROL	DATE	AUTHORIZED INSPECTOR	DATE	HOLD	NCR #
DESIGN REVIEW:						
DRAWINGS	EM	7/8/24	STP	7/8/24		
CALCULATIONS	EM	7/8/24	STP	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 @ <u>120</u> 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

5012 Coil

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.: 1-140 Nat'l. Bd. No.: _____

Description of Work: Re-rate Coil to 90 PSI

Location of Work: Sofix-Chattanooga

ALA Inspector Approval Req'd? YES ☐ NO ☒

Verified by: _____ Date: _____

Requirements

Test Medium	Water <input checked="" type="checkbox"/>	Glycol <input type="checkbox"/>	Air <input type="checkbox"/>	Other <input type="checkbox"/>
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>90</u> PSI
Gauge Make	<u>Reotemp</u>	Ambient Temperature	<u>85</u> °F
Gauge Range	0 - <u>200</u> PSI	MAWP	PSI
Gauge Calibrated	Date <u>5/28/24</u>	Actual Test Pressure	<u>125</u> PSI
Start Time	<u>0800</u>	Hold Time Required	10 Min
Finish Time	<u>1400</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: _____

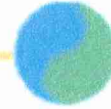
Quality Control Manager _____ Date: _____

Repair Inspector _____ Date: _____

Volunteer NDT Corporation

Chattanooga, Tennessee

Providing Inspection & Scaffolding Services



Tank Inspection C5012



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

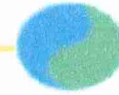
Date: 5/29/2024

Volunteer NDT Level III

Volunteer NDT Corporation

Chattanooga, Tennessee

Providing Inspection & Scaffolding Services



Premier Boiler @ Sofix

Chattanooga, TN

5/24/2024

Tech: Heath Wilson

TST-UT-001

SS-Wedge-SN 2298-19

GE- FH2E S/N: 23A015W5

Krautkramer DMS-2

>100 Ft Candles-Streamlight

Summary:

C-5012

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 4 inspection ports. The shell had 4 shell readings. The bottom head had 4 inspection ports at all 4 quadrants N,S,E,W.

LOCATION	N	S	E	W	Average	Low
Top Head	.183	.191	.192	.193	.190	.183
Shell	.194	.192	.191	.194	.193	.191
Bottom Head	.181	.178	.179	.174	.178	.174

