### NOT LLC

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NDT LLC

#### DAILY PROJECT FIELD REPORT

Projec <u>t: 5</u> 00 HP Mohawk Boiler					Pro∙ect #:		C	068-17-001		
Pro ect Ado			Weat	Weather:		ndoor				
Date:	8/9/2017					r	oa e	1	of	17
Re ort#	1				Tech	niciar	ו: S	teve R.	Siderius	
T e of Test	in / Ins ct	/ Ins ction: Ultraound Thickness UTT								
Deficiencie	s Noted:	NA	NO	NA	YES		lf y	/es, expl	ain below	

#### R<u>e orted To:</u>

Narrative:

On site as requested at . Met with to discuss scope of work to be performed. UTT examination is to be pertormed at various locations in the accessible portions of the Mohawk, 500 HP Boiler, Model # 4-5-2506, SIN 13789, National Board 13789.

UTT examinations were performed on the following:

- 1st Pass readings were collected inside the ends Of twenty four (24) Boiler tubes at approximately I " (+1-0.125") from end of each tube. Please see the UT report and attached pictures for locations and findings.
- 2) Rear Tube Sheet three (3) readings were collected above, left and right Of the Morris Tube. Please see the UT report and attached pictures for locations and findings.
- 3) Morris Tube four (4) readings were collected at the top, bottom, left and right sides at approximately 3" (+1-0.125") from end of the Morris Tube. Please see the UT report and attached pictures for locations and findings.
- 4) 2nd Pass readings were collected inside the ends of ten (10) randomly selected Boiler tubes at approximately 1" (+1-0.125") from end of tube. Please see the UT report and attached pictures for locations and findings.
- 5) Front Tube Sheet two (2) readings were collected at randomly selected locations. Please see the UT report and attached pictures for locations and findings.

Boiler tube.	tubes at	t appro e the U	oximat JT rep	ely 1" ( ort and	(+1- 0.125") f	ends of ten (10) rom end of each ures for locations
Re resentative: Steve R Siderius					Received B	
This report shall be considered preliminary until reviewed and countersigned by the NOT LLC Project Manager					Reviewed B	Side
Codes	Proje Begin	ect Times End	5 Hours	Miles	I	Equipment

	Begin	End	Hours				1.1		
					MT		UT		
08/09/17 N2			8.0	196	Unit	XX	Machine		Generator
					Other T			1	Quanti
08/14/17 re									
ort			2.5						

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## NDT LLC



#### NOT LLC

#### DAILY PROJECT FIELD REPORT

Date       08/09/17       Report#       1       Sheet#       Page       2       of       17         Narrative:         7) Top of Boiler Manway — six (6) readings were collected on tubes at the approximate center line of the manway. Please see the UT report and attached pictures for locations and findings.         Findings were discussed with left the site.         Report completed off site and emailed on 08/14/2017.	Project Name: 500 HP Mohawk Boiler					Project # :	068-	17-001	L	
<ul> <li>7) Top of Boiler Manway — six (6) readings were collected on tubes at the approximate center line of the manway. Please see the UT report and attached pictures for locations and findings.</li> <li>Findings were discussed with left the site.</li> </ul>	Date	08/09/17	Report#	1	Sheet#		Page	2	of	17
approximate center line of the manway. Please see the UT report and attached pictures for locations and findings. Findings were discussed with left the site.	Narrativ	ve:								
		approximate center line of the manway. Please see the UT report and								
Report completed off site and emailed on 08/14/2017.	Findi	ngs were discus	sed with	left t	he site.					
	Repo	rt completed off s	site and emaile	ed on (	08/14/2	017.				

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#### Ultrasound Inspection Report

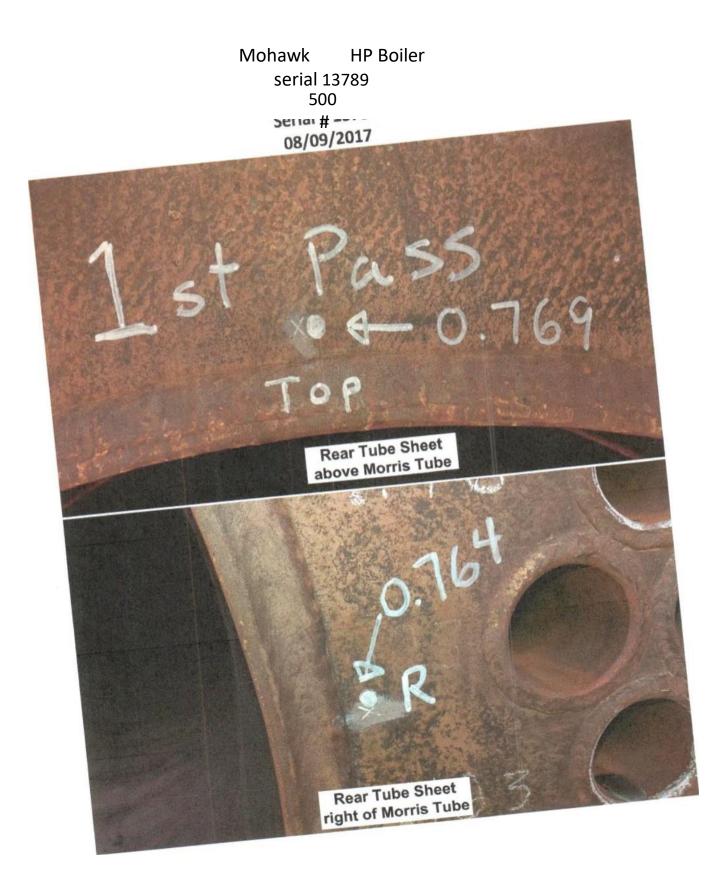
Report #				page	3	i -	Of	17
p ect Name: Date Tested:	500 HP Mohav 08/09/17	vk Boiler		ect No.: 068-17-001 Weather. Indoor				
Test Method Stand	ard:			Producti	on Sta		nt	Identification
ASTM E 797				In Process		UT		
Standard: (Include Client's Information	,	Other:	Serial #: 0001R8V7	Final	X	Model #: U	ISN58L Accept	ance
				For V	Velds			
				Root Pass:		UT		
Product Form	m: Type of I	Material:	Drawing No.;	Intermediat	te:	Model		
Various	Carbor	n Steel	NA	Final Pass:		Serial		
Product I Weld - 1st Pass Ri ht - 1st Pass Left - Rear Tube Sheet - Morris Tube - 2nd Pass Ri ht - 2nd Pass Left - Front Tube Sheet -3rd Pass Ri ht - 3rd Pass Left	0.176 -0.195" ran e 0.181 - 0.202" ra 0.769" 0.764" & 0.7 0.441" 0.442" 0.444 0.178-0.183" ran e 0.185-0.205" ran e	Longitudina 771" 4" & 0.44? Gain	Readi Techni ue 50 Il / Straight Beam Transverse I Shear Way 49.2 - 55.2 db 5 MHz (see Remarks Bo 0.179 - 0.1	elow)	Boiler		icable Section ge 0.5 - 1.0" y	5:
- T of Boiler Manwa	a 0.141"-0.	154" ra				Angle	e NA	
							Set-Up I Lo	cation Sketch

Technician: Steve R Siderius	Level: II 1 III	Inte erter:	Level: II / III			
Technician:	Level:	Received B .				
Remarks:						
Transducer: Sonatest, Dual elernent, 5 MHz, 0.25"	Round, SIN 446/28					

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Mohawk 500 HP Boiler Serial # 13789 08/09/2017

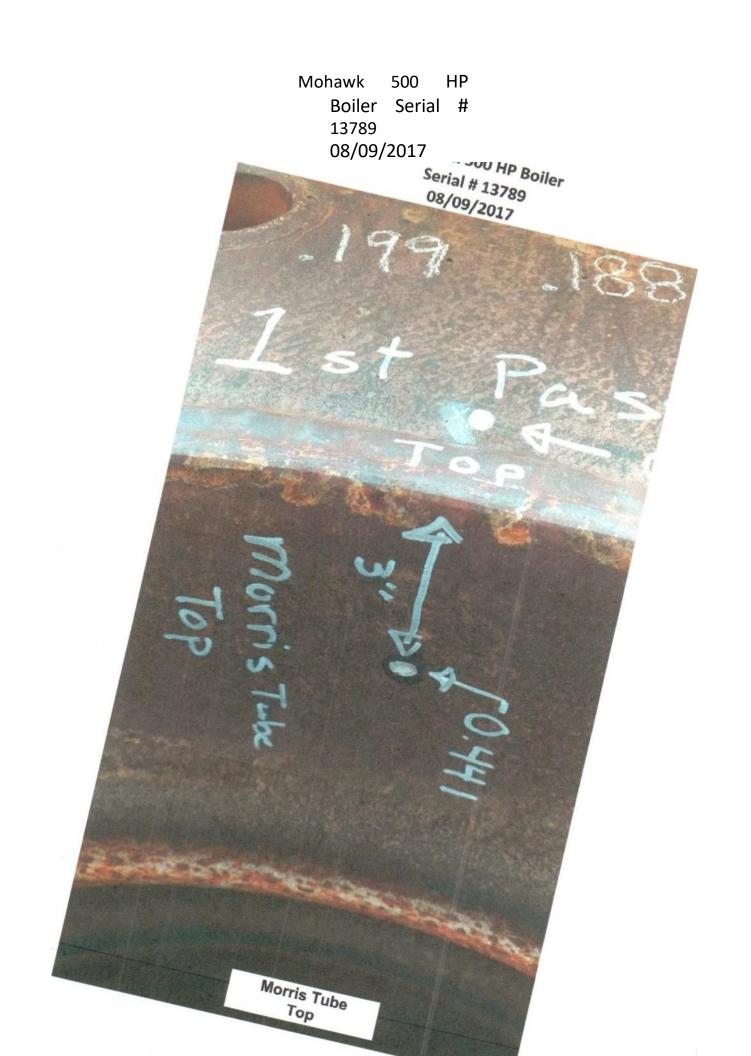


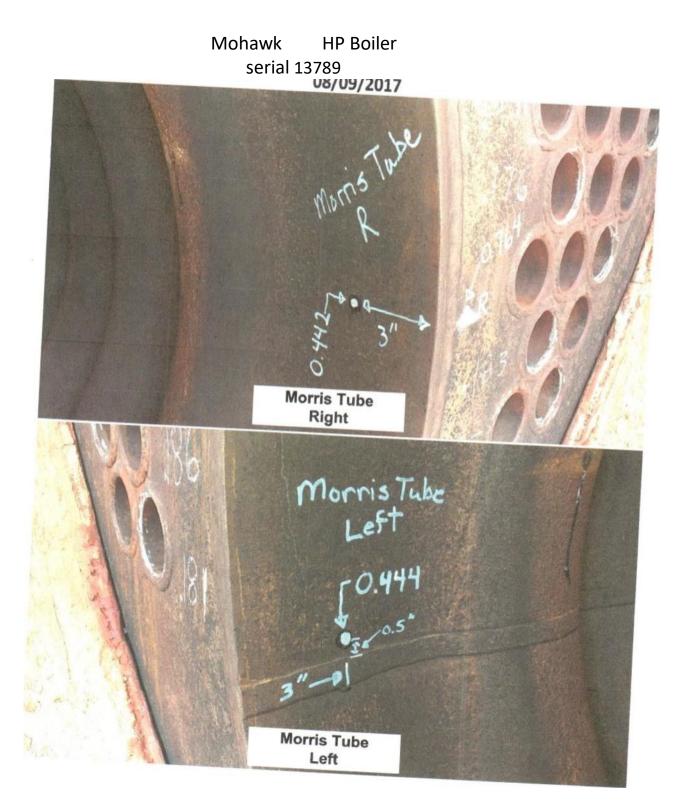


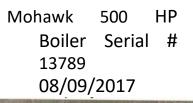
Mohawk 500 HP Boiler Serial # 13789 08/09/2017

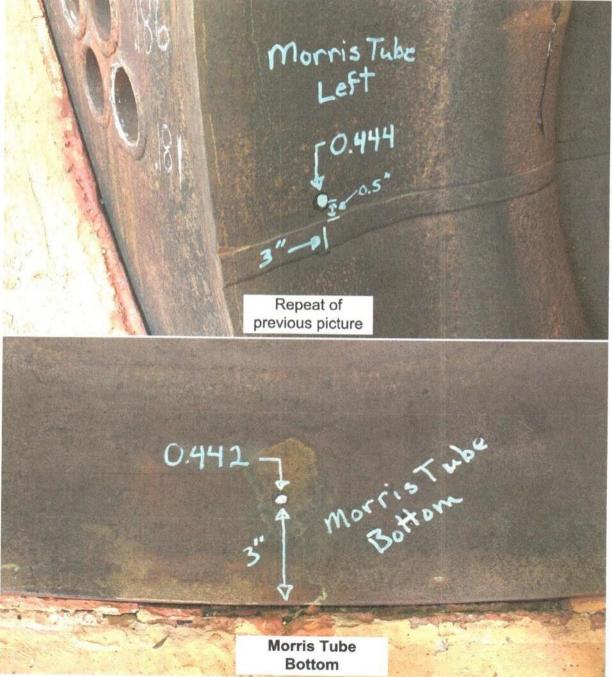


Mohawk HP Boiler serial 13789







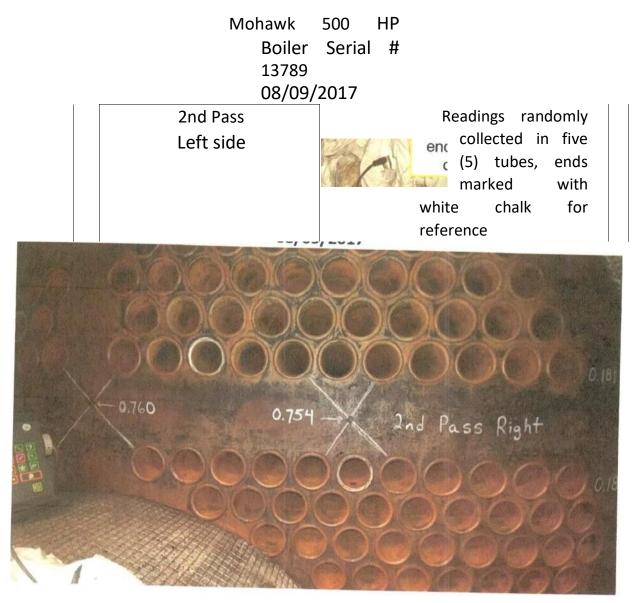


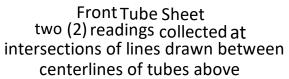




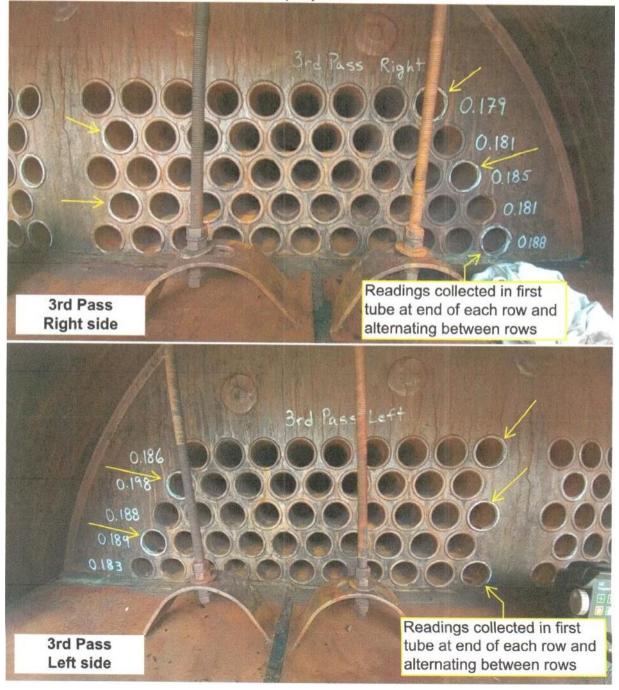
Mohawk 500 HP Boiler Serial # 13789 08/09/2017

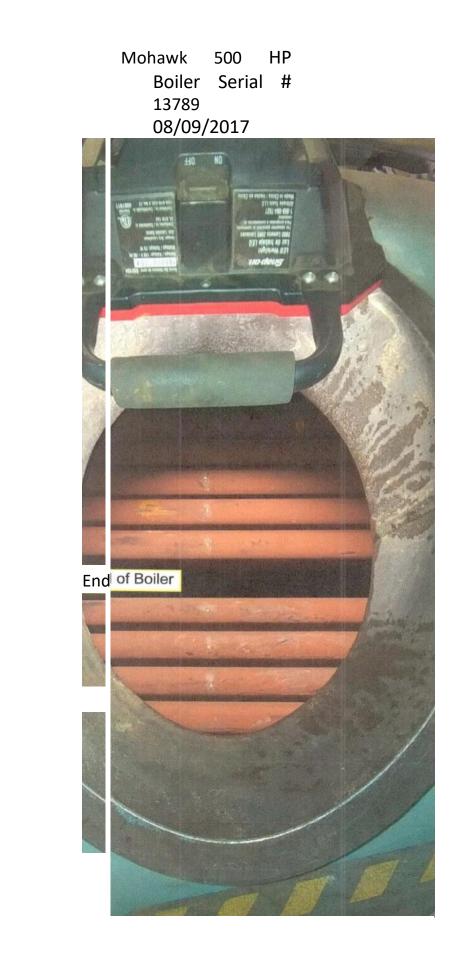






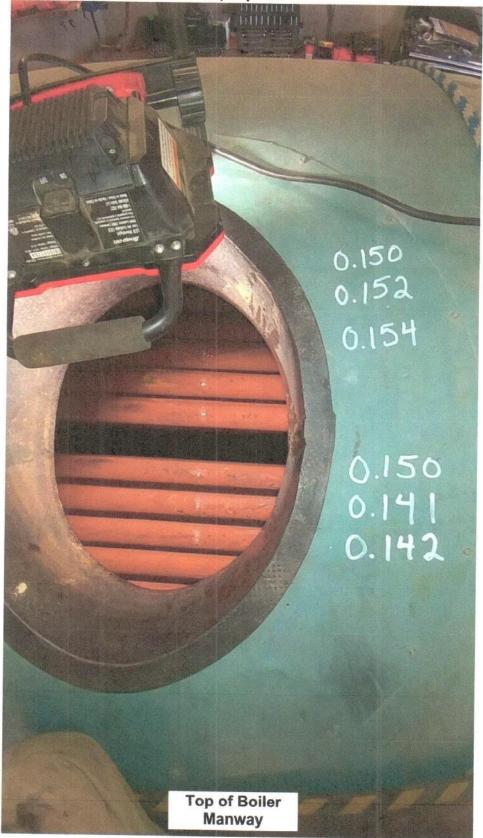
Mohawk	500	ΗP			
Boiler	Serial	#			
13789					
08/09/2017					





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		Serial #	
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#### Mohawk 500 HP Boiler Serial # 13789 08/09/2017



Mohawk 500 HP Boiler Serial # 13789 08/09/2017

