	DOCUMENT NUMBER	REVISION #	APPROVAL DATE:
	FRM-12004	1	09/03/12
			EFFECTIVE DATE:
TITLE:	Ultrasonic Thickness Examination Report	SOP(s) #: SOP-12004	09/07/12

### General Information:


Customer: Tri-Logic Service	Date: 06/10/21
Address: 555 Cannelton Rd., Darlington, PA	PO #: N/A
Unit Description: Sand Trap	
Work Order #: 1129-05	Manuf. Serial #1C021-17

### Examination Information:

Examination Technique: UT-100	Material Type: CS	Surface Condition: As Prepared
NDT Procedure: SOP-122001	Scanning: See Examination Data Table	Scanning Extent: 100% Areas Identified
Technique: Manual	Reference dB: 23.7 dB	Scanning dB: Plus 20
Screen Range: 2"+	Offset: .287 $\mu$ sec	Velocity: .2332 in/ $\mu$ sec

### Equipment Used:


ID Number / S/N	Description	Standard Calibration Date	Standard Calibration Due Date
SCNDT-2	GE USM GO+	06/10/21	06/10/21
037908	1018 Steel Calibration Block	N/A	N/A

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## Examination Data & Pictures



Overall

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General Location	Specific Location	Rotational Location	Nominal Diameter (in.)	Lowest Measurement (in.)
Inlet	A1	0 deg	2	0.745
Inlet	A2	90 deg	2	0.736
Inlet	A3	180 deg	2	0.761
Inlet	A4	270 deg	2	0.745
Shell	B1	180 deg	24	1.454
Shell	B2	180 deg	24	1.399
Shell	B3	180 deg	24	1.408
Shell	B4	180 deg	24	1.485
Shell	C1	0 deg	24	1.429
Shell	C2	90 deg	24	1.479
Shell	C3	180 deg	24	1.469
Shell	C4	270 deg	24	1.425
Drain	E1	0 deg	2	0.738
Drain	E2	90 deg	2	0.753
Drain	E3	180 deg	2	0.745
Drain	E4	270 deg	2	0.748
Outlet	F1	0 deg	2	0.714
Outlet	F2	90 deg	2	0.728
Outlet	F3	180 deg	2	0.746
Outlet	F4	270 deg	2	0.765

Under no circumstances shall Steel City NDT, LLC be liable for any incidental, special, punitive, or consequential damages arising out of or in connection with this agreement or the services performed hereunder, including but not limited to, liability for lost profits, business interruption, or loss of business. The maximum total liability of Steel City NDT, LLC arising out of or relating to the services performed under this agreement, regardless of the form of action, whether in contract, statute, tort (including, without limitation, negligence), or otherwise, shall in no event exceed the fees paid to Steel City NDT, LLC hereunder. Inspection results only valid at time of inspection. Areas inspected were selected by Tri-Logic Service and in no way gives validation of the thickness outside of the inspection areas.

Form Sign-Off	Signature	Level	Date
Technician	<i>Eric Mateya</i>	II	06/10/21