



Acuren Inspection, Inc.
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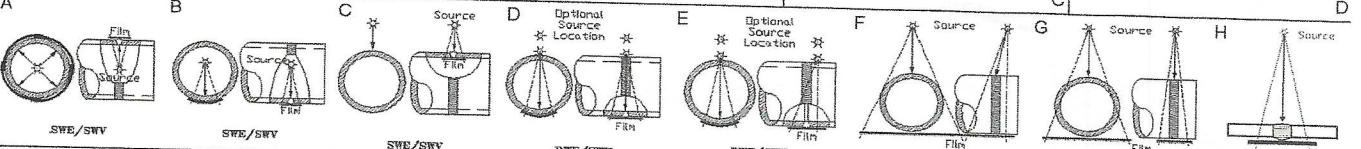
Report Number: DAV765335

RADIOGRAPHIC EXAMINATION REPORT

CUSTOMER: Akron Services		ACUREN SERVICE CALL #: 358-J151261	DATE: 06/11/2024
LOCATION/ADDRESS: 17705 N. Elevator Rd., Edelstein, Illinois		CUSTOMER CONTACT: Tim Wagonbach	
PART # / DRAWING #: Tank #91		CUSTOMER PO #: TIM	CUSTOMER WO #: N/A
ITEM DESCRIPTION: Anhydrous Ammonia Nurse Tank		STAGE OF MANUFACTURE: Final	SURFACE CONDITION: As Welded

NDE PROCEDURE	REV.	SPECIFICATION/ CODE	REV./ EDITION	ACCEPTANCE PROCEDURE / STANDARD:	PARTS INSPECTED:	ACCEPTED:	REJECTED:
RT-1	38	ASME Sec. V	2023	ASME sec. VIII, Div. 1, 2023 Ed.	1	0	0

Material and Thickness:	Carbon Steel	.238 in.	A	in.	B	in.	C	in.	D
Diameter: (inches)	42		A		B		C		D
Rein. Thickness: (inches)	.125		A		B		C		D
Distance: (inches)	SOD: 42.75	OFD: 0.396	A	SOD:	OFD:	B	SOD:	OFD:	D
Exposure Time (H:M:S):	00:19:30		A		B		C		D
IQI Amount / Type / Material:	ASTM 1B	Matl: SS	A	Matl:	B	Matl:	C	Matl:	D
IQI Size / Location:	Size: Wire #6	Film	A	Size:	B	Size:	C	Size:	D
Shim Thickness & Material:	N/A		A		B		C		D
Number of Exposures:	1		A		B		C		D
Markers: Number or Spacing:	3		A		B		C		D
Focal Spot µg	0.122 in.	0.0011 µg	A	in.	B	in.	C	in.	D
Screens: (inches)	Front: .010	Rear: .010	A	Front:	Rear:	B	Front:	Rear:	D
Film Loading / Brand / Type:	Single	AGFA D5	A		B		C		D
Film Process: Choose..	Time: 5	Temp: 68 °F	A	Time:	Temp: °F	B	Time:	Temp: °F	D
Shot Configuration:	D - DWE/SWV		A		B		C		D



SOURCE:	<input checked="" type="checkbox"/> Ir <input type="checkbox"/> Co <input type="checkbox"/> Se <input type="checkbox"/> X-Ray	Ci	88	kV	N/A	ma	N/A	DENSITOMETER MODEL #:	X-RITE 301	DENSITOMETER SERIAL #:	023361	CAL. DUE DATE:	06/05/2024
C - Crack	CP - Cluster Porosity	IP - Insufficient Penetration	EU - External Undercut	S - Surface	IFD - IF Due to Cold Lap	T - Tungsten	HB - Hollow Bead	IF - Insufficient Fusion	IU - Internal Undercut	IPD - IP Due to High/Low	FA - Film Artifact	SC - Stress Crack	
EP - Excessive Penetration	IC - Internal Concavity	BT - Burn Through											

Weld/Component	View	Technique	Density		Accept / Reject	List Indications	Welder ID - Other ID
			IQI/Base	Weld			
Front Head	A-B	D	2.86	2.93	Reject	IF	
	B-C	D	2.82	2.88	Reject	IF	
						ASME sec. VIII, Div. 1, 2023 Ed.(UW-52)	

<input type="checkbox"/> Additional Pages	Comments: N/A	Per Diem N/A	Assistant Tech Name (Print): Lane E. Smalley
# of Film & Size: 2- 4.5" x 17"	Total # of Welds: 1	No. on Job: 1	Travel if Applicable: Hours: _____ Miles Total: _____
CLIENT REPRESENTATIVE	ACUREN INSPECTOR Patrick A. Ritter	06/11/2024	II

The Client Representative who receives this report is responsible for verifying that the acceptance standard listed in the report is correct, confirming that all radiographs listed in the report have been received by Client and promptly notifying Acuren of any issues with this report and/or the work summarized herein. The owner is responsible for the permanent custody of all radiographs and the final disposition of all items inspected.

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