



**Acuren Inspection, Inc.**  
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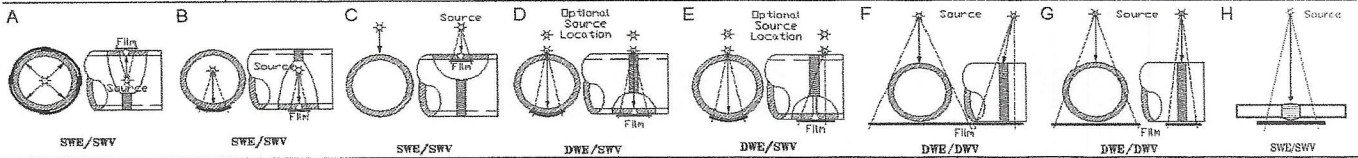
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**A Higher Level of Reliability**

Report Number: DAV729923

# 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 #86		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:	C	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. µg	B	in. µg	C	in. µg	D
Screens:	(inches)	Front: .010 Rear: .010	A	Front: Rear:	B	Front: Rear:	C	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	C	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		
SL - Slag	P - Porosity/Gas Pocket	IF - Insufficient Fusion	IU - Internal Undercut	IPD - IP Due to High/Low	FA - Film Artifact		
T - Tungsten	HB - Hollow Bead	EP - Excessive Penetration	IC - Internal Concavity	BT - Burn Through	SC - Stress Crack		

Weld/Component	View	Technique	Density		Accept / Reject	List Indications	Welder ID - Other ID Remarks
			IQI/Base	Weld			
Weld #1	A-B	D	2.35	2.42	Reject	IF	
Front Head	B-C	D	2.36	2.38	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
Print Name / Signature	Date	Print Name / Signature	Date

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.

PEER REVIEW (IF APPLICABLE):

Print Name / Signature \_\_\_\_\_ Date \_\_\_\_\_

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