LHe Tank Radiograph Reports

CONAM

Radiographic Inspection Report

Page 1 Of 1

Customer: Meyer Tool & Mfg	Contract # /PO: 008904-00	Job #: 2467/G449	Date: 8-5-03
Specification: ASME Sec V	Method Specification: 96-RT-005 R/4	Acceptance Standard: ASME Sec VIII Div 1 UW51	
Plate Thickness: .375"	Pipe Diameter: N/A	Weld Thickness: .375" + Crown	Joint Type: Butt / Material: Steel
Radiation Source: Ir192	Source Strength: 44 Ci	Focal Spot Size: .148"	Technique Used: #4
Part Description:	Film Technique: ☒ Single ☐ Multiple	Film to Source Distance: 21"	Exposure Time: 4:45 min
Film Processing: ☒ Automatic ☐ Manual	Intensifying Screens: Pb	Front: .010"	Center: — / Back: .010"
Type Penetrameter: ASTM # 17	Material: S/S	Penetrameter Location: ☒ Source Side ☐ Film Side	Shim Material: S/S / Shim Thickness: .125"

1. Single Wall
2. Double Wall
3. Elliptical — ROTATE 0° & 90°
4. Plate — FILM ℄
5. Superimposed — ROTATE 0°, 120° & 240°
6. Panoramic

Size	14x17	11x14	10x12	8x10	3½x17	4½x17	5x7	4½x10	Kodak
TYPE & NO.								8	AM

Job Location: LAB

Rad – ID #		Original or Repair	Geometric Unsharpness "Ug"	Accept	Reject	Porosity	Inclusions	Cracks	Incomplete Fusion	Inadequate Penetration	Undercut	Burn Thru	Root Concavity	Film Artifact	Remarks	Penetrometer Density	Weld Density
25I574-B	A	OR	.003"	✓		✓										2.0-4.0	2.0-4.0
	B			✓		✓											
	C			✓													
	D			✓					✓						LACK OF FUSION OUT OF AREA OF INTEREST		
25I574-F	A			✓													
	B			✓													
	C			✓													
	D			✓			✓										

Film Reviewer/Inspector: Jeff Owens RT II Signature: Jeff Owens Date: 8/6/03

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