Aliquippa, PA

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TÜVRheinland® NDT NON-DESTRUCTIVE TESTING SERVICES

RADIOGRAPHIC INSPECTION OF WELDS REPORT

ARC Enterprise
Steve Howard
27 Commercial Road
P.O. Box 120
Kingfield, ME 04947
Date: April 23, 2010

Report #: 1 Page 1 of 1
P.O. #: 5062
Work Order #: G5758
Project: PQR Test Plate
Lab #: 077004214
Welder:

MAY - 7 2012

FILM INTERPRETATION

Test Method Standard: NDTG-RT-2 Acceptance Standard: AWS D1.5-2008

Drawing # N/A Viewing – Check One: [X] Single Wall [ ] Double Wall

Film View	Acceptable	Rejectable	Incomplete Fusion	Incomplete Penetration	Crack	Slag Inclusion	Tungsten Inclusion	Porosity	Undercut	Surface Condition	Film Artifact	Remarks
PQR 45												
A-B	/											
B-C	/											

Vermont Agency of Transportation
RECEIVED
CK'D BY David Peterson OK'D BY JWC
Apr 26, 2012
RESUBMIT APPROVED ✓
BY C. CARLSON DATE 5/7/12

Radiographer: Ivan Winkler Level: II

Interpreter: Ivan Winkler Level: II

Date Radiographed:	4-22-10
Source:	IR-192
Pipe Size:	N/A
Nominal Wall:	1"
Reinforcement:	N/A
Backing Ring:	.5"
Total Thickness:	1.5"
Curies or MA:	65 Curies
Max. Effective Focal Spot Size:	.150"
S-O Distance:	24"
Unsharpness:	< .020
Penetrameter:	20 pen
Shim Thickness:	N/A
Sensitivity:	2T, 4T
Exposure Time:	12 Minutes
Lead Backup:	N/A
Screens:	.010Pb x .010 Pb
Film Size:	7" x 17"
Film Type:	Fuji 80
Number Films:	2 per weld
Density Range:	2.0 – 3.2
Type of Material:	Carbon Steel

Technique:

[X] Single Wall
[ ] Double Wall
[ ] Contact
[ ] Panoramic
[ ] Elliptical
[ ] Super Imposed
[ ] Approx. Angle Beam

Reviewed By: Dustin Robertson Date: 4/23/10

Testing was performed in accordance with accepted industry practice as well as the test methods referenced. This test report applies only to those items tested.
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