# RADIOGRAPHIC INSPECTION REPORT

JDH INSPECTION SERVICES
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Date Of Examination: September 20, 2022

| | | | |
|---|---|---|---|
| Customer: | Anderson Welding | Page | |
| Project Name: | Unitil 6 Month Re-qualification | 1 of 1 | |
| Job Number: | Erik Gosselin | JDH Reference Number: | 22-0860 |

| | | | | | |
|---|---|---|---|---|---|
| Isotope Type: | Iridium 192 | Isotope Intensity: | 30.2 Ci. | Focal Spot: | 0.115 In. |

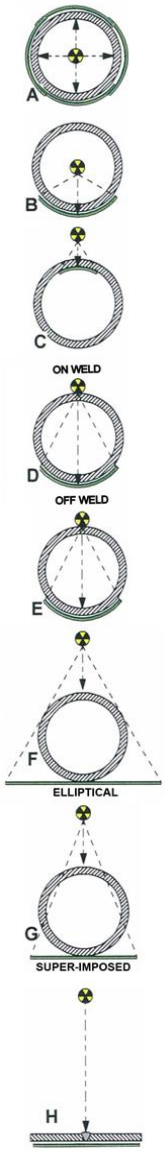
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Film Type: | Carestream T200 | Film Quantity: Single | Processing Type: | Manual | Screen Data: | Front 0.005" | Rear 0.010" / Matr'l Lead |

| | | | | | |
|---|---|---|---|---|---|
| Material Type: | Carbon Steel | Procedure No. | JDH-RT-01 | Acceptance Standard: | API 1104 20th Ed |

Items Inspected:

| Technique Letter | Source to Film (inch) | IQI | Component Size (inch) | Wall Thickness | Identification | Ug | Welder's Symbol | Film Location Markers | RESULTS ACCEPT | RESULTS REJECT | Indications Present + Additional Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D | 2.8" | B | 2" | .218" | BW2-168 | ≤.02" | B034 | A - B | √ | | Welding Process - SMAW E6010/7010 D.H. |
| | | | | | | | | B - C | √ | | Procedure - NGA-SMA-52-B-H-2 |
| | | | | | | | | C - A | √ | | |
| | | | | | | | | | | | Witnessed by Ryan Rios |

Radiographic Techniques




1. Crack 2. Lack of Penetration 3. Lack of Fusion 4. Slag 5. Porosity 6. Cold Lap
7. Tungsten Incl. 8. Concave 9. External Undercut 10. Internal Undercut 11. High/Low
12. Film Artifact 13. Profile 14. Burn Through 15. Excess Penetration 16. Linear Indication

| Radiographer ASNT Level: ☐ 1 ☑ 2 ☐ 3 | Film Interpreter ASNT Level: ☐ 1 ☑ 2 ☐ 3 | Date Reviewed |
|---|---|---|
| Cory Bailey | Cory Bailey | September 20, 2022 |