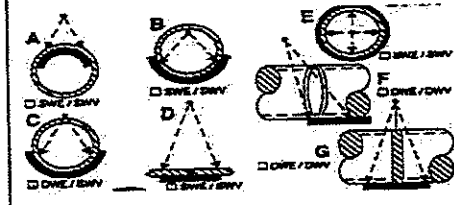


| | | | | | | | |
|--------------------------------------|--|----------------------------------|--|---|--|---|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/27/2013 | | Page 1 of 3 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 73 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> Diag: | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (In.) | Pipe/Plate Thickness (In.) | Technique | Film Type <small>(D310/D5/D67,50,80,100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burr Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM638 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM639 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM640 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM641 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM642 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM643 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM644 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM645 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM646 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM647 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM648 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM649 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM650 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM651 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM652 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM653 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM654 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM655 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM656 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |
| SM657 | CN/RH/BH | 8" | .322" | C | D5 | 3 | 436 | / | | | | | | | | | | | | | | | |



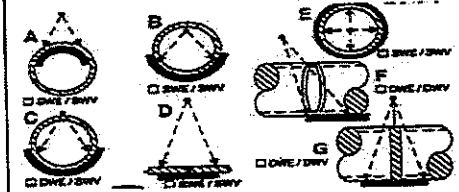
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|--------------------------------|---|----------|---------------|--------|----|--------------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 2 | Travel | | | Total Hours |
| | | | MILES:160 | 6:30AM | TO | |

Level II Radiographer: **TIM BRELJE** Client Reviewer:

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

| | | | | | | | |
|--------------------------------------|--|----------------------------------|--|--|--|---|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/28/2013 | | Page 1 of 3 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 73 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| Weid No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D5/DAPS/D7.50.80.100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|----------|----------|----------------|------------------------|----------------------------|-----------|--|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM724 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 740 | / | | | | | | | | | | | | | | | |
| SM725 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 741 | / | | | | | | | | | | | | | | | |
| SM726 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 742 | / | | | | | | | | | | | | | | | |
| SM727 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 743 | / | | | | | | | | | | | | | | | |
| SM728 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 744 | / | | | | | | | | | | | | | | | |
| SM729 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 745 | / | | | | | | | | | | | | | | | |
| SM730 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 746 | / | | | | | | | | | | | | | | | |
| SM731 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 747 | / | | | | | | | | | | | | | | | |
| SM732 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 748 | / | | | | | | | | | | | | | | | |
| SM733 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 749 | / | | | | | | | | | | | | | | | |
| SM772 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 791 | / | | | | | | | | | | | | | | | |
| SM773 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 792 | / | | | | | | | | | | | | | | | |
| SM774 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 793 | / | | | | | | | | | | | | | | | |
| SM775 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 794 | / | | | | | | | | | | | | | | | |
| SM776 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 795 | / | | | | | | | | | | | | | | | |
| SM777 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 796 | / | | | | | | | | | | | | | | | |
| SM778 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 797 | / | | | | | | | | | | | | | | | |
| SM779 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 798 | / | | | | | | | | | | | | | | | |
| SM780 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 799 | / | | | | | | | | | | | | | | | |
| SM781 | | CN/RH/BH | 8" | .322" | C | D5 | 3 | 800 | / | | | | | | | | | | | | | | | |



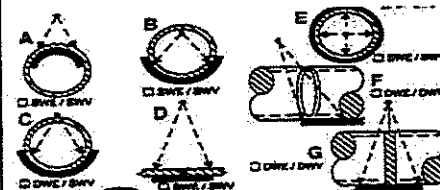
| | | | | | | | | |
|--------------------------------|---|---|-----------|--------|---|--------|-------------|--|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 2 | Travel | | Time on Site <i>7:30 am to 7:00 pm</i> | | Total Hours | |
| | | | MILES:160 | 6:30AM | TO | 9:30PM | 15 | |

| | | | |
|------------------------|-------------------|------------------|--------------------|
| Level II Radiographer: | TIM BRELJE | Client Reviewer: | <i>[Signature]</i> |
|------------------------|-------------------|------------------|--------------------|

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

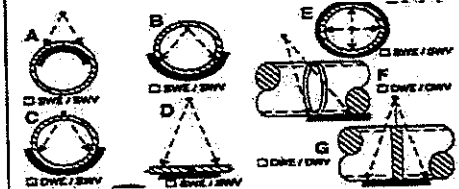
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|-------------------------------------|--|----------------------------------|--|---|---------------------------|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>6/27/2013</i> | Page <i>2</i> of <i>4</i> |
| Client Job: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>137 Ci</i> | |
| | | | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | |
| | | | | Diag: | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D310/D410/D7,50,80,100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM658 | CN/RH/PH | 8" | .322" | C | D4 | 3 | 655 | / | | | | | | | | | | | | | | | |
| SM659 | CN/RH/GU | 8" | .322" | C | D4 | 3 | 656 | / | | | | | | | | | | | | | | | |
| SM660 | CN/RH/SK | 8" | .322" | C | D4 | 3 | 657 | / | | | | | | | | | | | | | | | |
| SM661 | CN/RH/CN | 8" | .322" | C | D4 | 3 | 658 | / | | | | | | | | | | | | | | | |
| SM662 | CN/RH/SK | 8" | .322" | C | D4 | 3 | 659 | / | | | | | | | | | | | | | | | |
| SM663 | CN/RH/GU | 8" | .322" | C | D4 | 3 | 660 | / | | | | | | | | | | | | | | | |
| SM664 | CN/RH/PH | 8" | .322" | C | D4 | 3 | 661 | / | | | | | | | | | | | | | | | |
| SM665 | CN/RH/SK | 8" | .322" | C | D4 | 3 | 662 | / | | | | | | | | | | | | | | | |
| SM666 | CN/RH/GU | 8" | .322" | C | D4 | 3 | 665 | / | | | | | | | | | | | | | | | |
| SM667 | CN/RH/PH | 8" | .322" | C | D4 | 3 | 667 | / | | | | | | | | | | | | | | | |
| SM668 | CN/RH/SK | 8" | .322" | C | D4 | 3 | 668 | / | | | | | | | | | | | | | | | |
| SM669 | CN/RH/GU | 8" | .322" | C | D4 | 3 | 669 | / | | | | | | | | | | | | | | | |
| SM670 | CN/RH/PH | 8" | .322" | C | D4 | 3 | 670 | / | | | | | | | | | | | | | | | |
| SM671 | CN/RH/SK | 8" | .322" | C | D4 | 3 | 671 | / | | | | | | | | | | | | | | | |
| SM672 | CN/RH/GU | 8" | .322" | C | D4 | 3 | 672 | / | | | | | | | | | | | | | | | |
| SM673 | CN/RH/PH | 8" | .322" | C | D4 | 3 | 673 | / | | | | | | | | | | | | | | | |
| SM674 | CN/RH/SK | 8" | .322" | C | D4 | 3 | 674 | / | | | | | | | | | | | | | | | |
| SM675 | CN/RH/GU | 8" | .322" | C | D4 | 3 | 676 | / | | | | | | | | | | | | | | | |
| SM676 | CN/RH/PH | 8" | .322" | C | D4 | 3 | 679 | / | | | | | | | | | | | | | | | |
| SM677 | CN/RH/SK | 8" | .322" | C | D4 | 3 | 680 | / | | | | | | | | | | | | | | | |



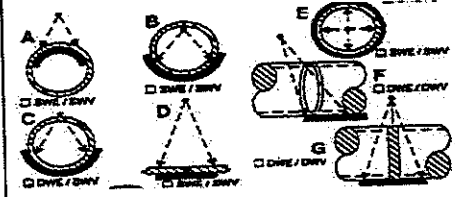
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|---|--|----------------------------------|--|---|---------------------------|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/27/2013 | Page 3 of 4 |
| Client Job No.: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | |
| | | | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> Diag: | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 90, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--------------------------|
| SM678 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 681 | / | | | | | | | | | | | | | | | |
| SM679 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 682 | / | | | | | | | | | | | | | | | |
| SM680 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 683 | / | | | | | | | | | | | | | | | |
| SM681 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 686 | / | | | | | | | | | | | | | | | |
| SM682 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 687 | / | | | | | | | | | | | | | | | |
| SM683 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 688 | / | | | | | | | | | | | | | | | |
| SM684 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 689 | / | | | | | | | | | | | | | | | NUMBERS WERE NOT ON PIPE |
| SM685 | | CN/RH/SK | 8" | .322" | C | D3 | 3 | 690 | / | | | | | | | | | | | | | | | |
| SM686 | | CN/RH/CW | 8" | .322" | C | D3 | 3 | 692 | / | | | | | | | | | | | | | | | |
| SM687 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 702 | / | | | | | | | | | | | | | | | |
| SM688 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 703 | / | | | | | | | | | | | | | | | |
| SM689 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 704 | / | | | | | | | | | | | | | | | |
| SM690 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 705 | / | | | | | | | | | | | | | | | |
| SM691 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 706 | / | | | | | | | | | | | | | | | |
| SM692 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 707 | / | | | | | | | | | | | | | | | |
| SM693 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 708 | / | | | | | | | | | | | | | | | |
| SM694 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 709 | / | | | | | | | | | | | | | | | |
| SM695 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 710 | / | | | | | | | | | | | | | | | |
| SM696 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 711 | / | | | | | | | | | | | | | | | |
| SM697 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 712 | / | | | | | | | | | | | | | | | |



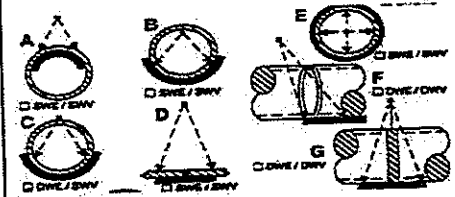
| | | | | | |
|--------------------------------------|--|---------------------------------|--|---|---------------------------|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>6/28/2013</i> | Page <i>2</i> of <i>4</i> |
| Client Job : <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>137 Ci</i> | |
| | | | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> Diag: | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | | | | |
|-------------------------------|----------|----------------------------------|------------------------|---|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| Weld No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D6/D7/D8/D9/D10) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
| SM734 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 751 | / | | | | | | | | | | | | | | | |
| SM735 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 753 | / | | | | | | | | | | | | | | | |
| SM736 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 754 | / | | | | | | | | | | | | | | | |
| SM737 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 755 | / | | | | | | | | | | | | | | | |
| SM738 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 756 | / | | | | | | | | | | | | | | | |
| SM739 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 757 | / | | | | | | | | | | | | | | | |
| SM740 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 758 | / | | | | | | | | | | | | | | | |
| SM741 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 759 | / | | | | | | | | | | | | | | | |
| SM742 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 760 | / | | | | | | | | | | | | | | | |
| SM743 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 762 | / | | | | | | | | | | | | | | | |
| SM744 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 763 | / | | | | | | | | | | | | | | | |
| SM745 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 764 | / | | | | | | | | | | | | | | | |
| SM746 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 765 | / | | | | | | | | | | | | | | | |
| SM747 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 766 | / | | | | | | | | | | | | | | | |
| SM748 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 767 | / | | | | | | | | | | | | | | | |
| SM749 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 768 | / | | | | | | | | | | | | | | | |
| SM750 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 769 | / | | | | | | | | | | | | | | | |
| SM751 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 770 | / | | | | | | | | | | | | | | | |
| SM752 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 771 | / | | | | | | | | | | | | | | | |
| SM753 | | CN/SK/RH | 8" | .322" | C | D4 | 3 | 772 | / | | | | | | | | | | | | | | | |



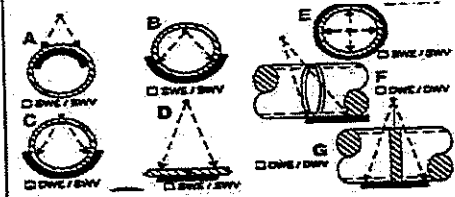
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|--|--|---------------------------------|--|---|-------------|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>6/28/2013</i> | Page 3 of 4 |
| Client Job No: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>138 Ci</i> | |
| | | | | Accept. Standard: <i>API 1104 20TH ED</i> | |
| | | | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> Diag: | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----------|----------------------------------|------------------------|---|-----------|-----------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3,D4,D5,D7,50,80,100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
| SM754 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 773 | / | | | | | | | | | | | | | | | |
| SM755 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 774 | / | | | | | | | | | | | | | | | |
| SM756 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 775 | / | | | | | | | | | | | | | | | |
| SM757 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 776 | / | | | | | | | | | | | | | | | |
| SM758 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 777 | / | | | | | | | | | | | | | | | |
| SM759 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 778 | / | | | | | | | | | | | | | | | |
| SM760 | | CN/RH/CW | 8" | .322" | C | D4 | 3 | 779 | / | | | | | | | | | | | | | | | |
| SM761 | | CN/RH/SK | 8" | .322" | C | D3 | 3 | 780 | / | | | | | | | | | | | | | | | |
| SM762 | | CN/RH/CW | 8" | .322" | C | D3 | 3 | 781 | / | | | | | | | | | | | | | | | |
| SM763 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 782 | / | | | | | | | | | | | | | | | |
| SM764 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 783 | / | | | | | | | | | | | | | | | |
| SM765 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 784 | / | | | | | | | | | | | | | | | |
| SM766 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 785 | / | | | | | | | | | | | | | | | |
| SM767 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 786 | / | | | | | | | | | | | | | | | |
| SM768 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 787 | / | | | | | | | | | | | | | | | |
| SM769 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 788 | / | | | | | | | | | | | | | | | |
| SM770 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 789 | / | | | | | | | | | | | | | | | |
| SM771 | | CN/PH/CW | 8" | .322" | C | D3 | 3 | 790 | / | | | | | | | | | | | | | | | |
| SM788 | | CN/RH | 8" | .322" | C | D3 | 3 | 809 | / | | | | | | | | | | | | | | | |
| SM789 | | CN/SK | 8" | .322" | C | D3 | 3 | 810 | / | | | | | | | | | | | | | | | |



| | | | | | | | |
|-------------------------------------|--|----------------------------------|--|--|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/29/2013 | | Page 1 of 4 | |
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | | Diag: | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| Weld No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 90, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burr Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|----------|--------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM796 | | RH/CN | 8" | .322" | C | D4 | 3 | 817 | / | | | | | | | | | | | | | | | |
| SM797 | | CN/SK | 8" | .322" | C | D4 | 3 | 818 | / | | | | | | | | | | | | | | | |
| SM798 | | CN/RH | 8" | .322" | C | D4 | 3 | 819 | / | | | | | | | | | | | | | | | |
| SM799 | | CN/SK | 8" | .322" | C | D4 | 3 | 820 | / | | | | | | | | | | | | | | | |
| SM800 | | CN/CW | 8" | .322" | C | D4 | 3 | 821 | / | | | | | | | | | | | | | | | |
| SM801 | | CN/CW | 8" | .322" | C | D4 | 3 | 822 | / | | | | | | | | | | | | | | | |
| SM802 | | CN/CW | 8" | .322" | C | D4 | 3 | 823 | / | | | | | | | | | | | | | | | |
| SM803 | | CN/CW | 8" | .322" | C | D4 | 3 | 824 | / | | | | | | | | | | | | | | | |
| SM804 | | CN/CW | 8" | .322" | C | D4 | 3 | 827 | / | | | | | | | | | | | | | | | |
| SM805 | | CN/CW | 8" | .322" | C | D4 | 3 | 825 | / | | | | | | | | | | | | | | | |
| SM806 | | CN | 8" | .322" | C | D4 | 3 | 830 | / | | | | | | | | | | | | | | | |
| SM807 | | CN | 8" | .322" | C | D4 | 3 | 831 | / | | | | | | | | | | | | | | | |
| SM808 | | CN | 8" | .322" | C | D4 | 3 | 832 | / | | | | | | | | | | | | | | | |
| SM809 | | CN | 8" | .322" | C | D4 | 3 | 833 | / | | | | | | | | | | | | | | | |
| SM810 | | CN | 8" | .216" | C | D4 | 3 | 834 | / | | | | | | | | | | | | | | | |
| SM811 | | CN | 8" | .216" | C | D4 | 3 | 835 | / | | | | | | | | | | | | | | | |
| SM812 | | CN | 8" | .322" | C | D4 | 3 | 836 | / | | | | | | | | | | | | | | | |
| SM813 | | CN | 8" | .322" | C | D4 | 3 | 837 | / | | | | | | | | | | | | | | | |
| SM814 | | CN | 8" | .216" | C | D4 | 3 | 838 | / | | | | | | | | | | | | | | | |
| SM815 | | CN | 8" | .216" | C | D4 | 3 | 839 | / | | | | | | | | | | | | | | | |

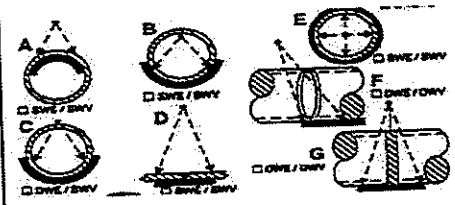


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|--|---|--|---------------|--|--------|----|--------------------|----|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | 7:30am | | Total Hours | |
| | | | MILES:160 | | 6:30AM | TO | 8:30PM | 14 |
| Level II Radiographer: JOSEPH DALY LEVEL II | | Client Reviewer: <i>[Signature]</i> | | | | | | |

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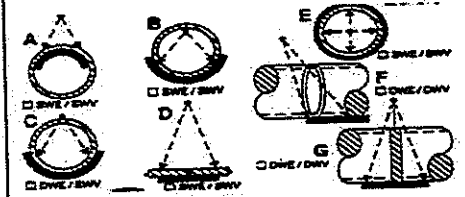
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|--------------------------------------|--|----------------------------------|--|--|---------------------------|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/29/2013 | Page 2 of 4 |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 137 Ci | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | |
| | | | | Diag: | |
| | | | | KV: N/A MA: N/A | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM824 | | CN | 8" | .322" | C | D4 | 3 | 848 | / | | | | | | | | | | | | | | | |
| SM825 | | CN | 8" | .322" | C | D4 | 3 | 849 | / | | | | | | | | | | | | | | | |
| SM826 | | CN | 8" | .322" | C | D4 | 3 | 850 | / | | | | | | | | | | | | | | | |
| SM827 | | CN | 8" | .322" | C | D4 | 3 | 851 | / | | | | | | | | | | | | | | | |
| SM828 | | CN | 8" | .322" | C | D4 | 3 | 852 | / | | | | | | | | | | | | | | | |
| SM829 | | CN | 8" | .322" | C | D4 | 3 | 853 | / | | | | | | | | | | | | | | | |
| SM830 | | CN | 8" | .322" | C | D4 | 3 | 854 | / | | | | | | | | | | | | | | | |
| SM831 | | CN | 8" | .322" | C | D4 | 3 | 855 | / | | | | | | | | | | | | | | | |
| SM832 | | CN | 8" | .322" | C | D4 | 3 | 856 | / | | | | | | | | | | | | | | | |
| SM833 | | CN | 8" | .322" | C | D4 | 3 | 857 | / | | | | | | | | | | | | | | | |
| SM834 | | CN/CW | 8" | .322" | C | D4 | 3 | 880 | / | | | | | | | | | | | | | | | |
| SM835 | | CN/SK | 8" | .322" | C | D4 | 3 | 881 | / | | | | | | | | | | | | | | | |
| SM836 | | CN/CW | 8" | .322" | C | D4 | 3 | 882 | / | | | | | | | | | | | | | | | |
| SM837 | | CN/SK | 8" | .322" | C | D4 | 3 | 883 | / | | | | | | | | | | | | | | | |
| SM838 | | CN/CW | 8" | .322" | C | D4 | 3 | 884 | / | | | | | | | | | | | | | | | |
| SM839 | | CN/SK | 8" | .322" | C | D4 | 3 | 885 | / | | | | | | | | | | | | | | | |
| SM840 | | CN/CW | 8" | .322" | C | D4 | 3 | 886 | / | | | | | | | | | | | | | | | |
| SM841 | | CN/SK | 8" | .322" | C | D4 | 3 | 887 | / | | | | | | | | | | | | | | | |
| SM842 | | CN/CW | 8" | .322" | C | D4 | 3 | 888 | / | | | | | | | | | | | | | | | |
| SM843 | | CN/SK | 8" | .322" | C | D4 | 3 | 889 | / | | | | | | | | | | | | | | | |



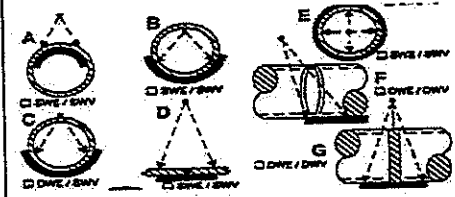
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|--|--|----------------------------------|--|---|---------------------------|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/29/2013 | Page 3 of 4 |
| Client Job No: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | |
| | | | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> Diag: | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM844 | CN/SK | 8" | .322" | C | D4 | 3 | 890 | / | | | | | | | | | | | | | | | | |
| SM845 | CN/SK | 8" | .322" | C | D4 | 3 | 891 | / | | | | | | | | | | | | | | | | |
| SM846 | CN/SK | 8" | .322" | C | D4 | 3 | 892 | / | | | | | | | | | | | | | | | | |
| SM847 | CN/SK | 8" | .322" | C | D4 | 3 | 893 | / | | | | | | | | | | | | | | | | |
| SM848 | CN/SK | 8" | .322" | C | D4 | 3 | 894 | / | | | | | | | | | | | | | | | | |
| SM849 | CN/SK | 8" | .322" | C | D4 | 3 | 895 | / | | | | | | | | | | | | | | | | |
| SM850 | CN/SK | 8" | .322" | C | D4 | 3 | 896 | / | | | | | | | | | | | | | | | | |
| SM851 | CN/SK | 8" | .322" | C | D3 | 3 | 897 | / | | | | | | | | | | | | | | | | |
| SM852 | CN/SK | 8" | .322" | C | D3 | 3 | 898 | / | | | | | | | | | | | | | | | | |
| SM853 | CN/SK | 8" | .322" | C | D3 | 3 | 899 | / | | | | | | | | | | | | | | | | |
| SM854 | CN/SK | 8" | .322" | C | D3 | 3 | 900 | / | | | | | | | | | | | | | | | | |
| SM855 | CN/SK | 8" | .322" | C | D3 | 3 | 901 | / | | | | | | | | | | | | | | | | |
| SM856 | CN/SK | 8" | .322" | C | D3 | 3 | 902 | / | | | | | | | | | | | | | | | | |
| SM857 | CN/SK | 8" | .322" | C | D3 | 3 | 903 | / | | | | | | | | | | | | | | | | |
| SM858 | CN/SK | 8" | .322" | C | D3 | 3 | 904 | / | | | | | | | | | | | | | | | | |
| SM859 | CN/SK | 8" | .322" | C | D3 | 3 | 905 | / | | | | | | | | | | | | | | | | |
| SM860 | CN/SK | 8" | .322" | C | D3 | 3 | 906 | / | | | | | | | | | | | | | | | | |
| SM861 | CN/SK | 8" | .322" | C | D3 | 3 | 907 | / | | | | | | | | | | | | | | | | |
| SM862 | CN/SK | 8" | .322" | C | D3 | 3 | 908 | / | | | | | | | | | | | | | | | | |
| SM863 | CN/SK | 8" | .322" | C | D3 | 3 | 909 | / | | | | | | | | | | | | | | | | |



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|--------------------------------------|--|----------------------------------|--|--|--|---|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/30/2013 | | Page 1 of 1 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 73 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> Diag: | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (In.) | Pipe/Plate Thickness (In.) | Technique | Film Type (D3/D4/D5/D7/50/80/100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|-----------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM872 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 918 | / | | | | | | | | | | | | | | | |
| SM873 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 919 | / | | | | | | | | | | | | | | | |
| SM874 | | CN/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM875 | | CN/RH/CN | 8" | .322" | C | D3 | 3 | 921 | / | | | | | | | | | | | | | | | |
| SM876 | | CN/RH/CN | 8" | .322" | C | D3 | 3 | 933 | / | | | | | | | | | | | | | | | |
| SM877 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 939 | / | | | | | | | | | | | | | | | |
| SM878 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 935 | / | | | | | | | | | | | | | | | |
| SM879 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 936 | / | | | | | | | | | | | | | | | |
| SM880 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 937 | / | | | | | | | | | | | | | | | |
| SM881 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 938 | / | | | | | | | | | | | | | | | |
| SM882 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 939 | / | | | | | | | | | | | | | | | |
| SM883 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 940 | / | | | | | | | | | | | | | | | |
| SM884 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 941 | / | | | | | | | | | | | | | | | |
| SM885 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 942 | / | | | | | | | | | | | | | | | |
| SM886 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 943 | / | | | | | | | | | | | | | | | |
| SM887 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 944 | / | | | | | | | | | | | | | | | |
| SM888 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 945 | / | | | | | | | | | | | | | | | |
| SM889 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 946 | / | | | | | | | | | | | | | | | |
| SM890 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 947 | / | | | | | | | | | | | | | | | |
| SM891 | | CN/RH/CN | 8" | .322" | C | D5 | 3 | 948 | / | | | | | | | | | | | | | | | |



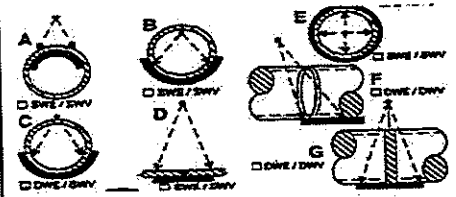
| | | | | | | |
|--------------------------------|---|----------|---------------|--------|----|--------------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | Total Hours |
| | | | MILES:160 | 6:30AM | TO | |

| | | | |
|------------------------|------------------|------------------|--|
| Level II Radiographer: | Jeffrey Schmandt | Client Reviewer: | |
|------------------------|------------------|------------------|--|

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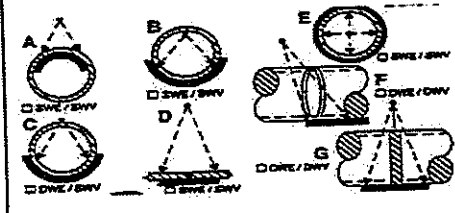
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|--|--|----------------------------------|--|--|--|---|--|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>8/5/2013</i> | | Page <i>4</i> of <i>4</i> | |
| Client Job No: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | | | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: <i>API 1104 20TH ED</i> | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>90 Ci</i> | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> | | Diag: <input type="checkbox"/> Single <input type="checkbox"/> Double | |

| We id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3104/5107, 60, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|-------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM3032 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3317 | / | | | | | | | | | | | | | | | |
| SM3033 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3318 | / | | | | | | | | | | | | | | | |
| SM3034 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3319 | / | | | | | | | | | | | | | | | |
| SM3035 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3320 | / | | | | | | | | | | | | | | | |
| SM3036 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3321 | / | | | | | | | | | | | | | | | |
| SM3037 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3322 | / | | | | | | | | | | | | | | | |
| SM3038 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3323 | / | | | | | | | | | | | | | | | |
| SM3039 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3324 | / | | | | | | | | | | | | | | | |
| SM3040 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3325 | / | | | | | | | | | | | | | | | |
| SM3041 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3326 | / | | | | | | | | | | | | | | | |
| SM3042 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3327 | / | | | | | | | | | | | | | | | |
| SM3043 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3328 | / | | | | | | | | | | | | | | | |
| SM3044 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3329 | / | | | | | | | | | | | | | | | |
| SM3045 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3330 | / | | | | | | | | | | | | | | | |
| SM3046 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3331 | / | | | | | | | | | | | | | | | |
| SM3047 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3332 | / | | | | | | | | | | | | | | | |
| SM3048 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3333 | / | | | | | | | | | | | | | | | |
| SM3049 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3334 | / | | | | | | | | | | | | | | | |
| SM3050 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3335 | / | | | | | | | | | | | | | | | |
| SM3051 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3336 | / | | | | | | | | | | | | | | | |



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|-------------------------------------|---------------------------------|---|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/6/2013 |
| Client Job: SUMMIT MIDSTREAM | AFE No.: | Project Location: FORTUNA, ND |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci |
| | | KV: N/A MA: N/A |
| | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D5/D6/D7/60/80/100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|--|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3053 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3351 | / | | | | | | | | | | | | | | | |
| SM3054 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3352 | / | | | | | | | | | | | | | | | |
| SM3055 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3353 | / | | | | | | | | | | | | | | | |
| SM3056 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3354 | / | | | | | | | | | | | | | | | |
| SM3057 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3355 | / | | | | | | | | | | | | | | | |
| SM3058 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3356 | / | | | | | | | | | | | | | | | |
| SM3059 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3357 | / | | | | | | | | | | | | | | | |
| SM3060 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3358 | / | | | | | | | | | | | | | | | |
| SM3061 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3359 | / | | | | | | | | | | | | | | | |
| SM3062 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3360 | / | | | | | | | | | | | | | | | |
| SM3063 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3361 | / | | | | | | | | | | | | | | | |
| SM3064 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3362 | / | | | | | | | | | | | | | | | |
| SM3065 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3363 | / | | | | | | | | | | | | | | | |
| SM3066 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3364 | / | | | | | | | | | | | | | | | |
| SM3067 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3365 | / | | | | | | | | | | | | | | | |
| SM3068 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3366 | / | | | | | | | | | | | | | | | |
| SM3069 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3367 | / | | | | | | | | | | | | | | | |
| SM3070 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3368 | / | | | | | | | | | | | | | | | |
| SM3071 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3369 | / | | | | | | | | | | | | | | | |
| SM3072 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3370 | / | | | | | | | | | | | | | | | |



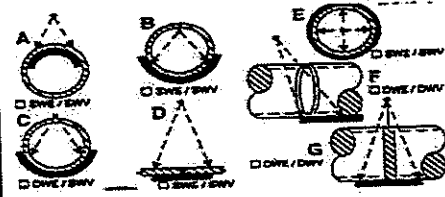
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|-------------------------|----------------------------------|---|-----------|--------|-----------|-------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | Total Hours |
| | | | MILES:130 | 5:00AM | TO 7:00PM | |

Level II Radiographer: Jeffrey Schmandt *[Signature]* Client Reviewer: _____

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

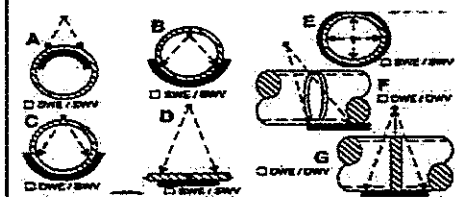
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|------------------------------|---------------------------|--|---|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/6/2013 | Page 2 of 6 |
| Client Job: SUMMIT MIDSTREAM | AFE No.: | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci | KV: N/A MA: N/A |
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D6/D6T/50/80/100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3073 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3371 | / | | | | | | | | | | | | | | | |
| SM3074 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3372 | / | | | | | | | | | | | | | | | |
| SM3075 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3373 | / | | | | | | | | | | | | | | | |
| SM3076 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3374 | / | | | | | | | | | | | | | | | |
| SM3077 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3375 | / | | | | | | | | | | | | | | | |
| SM3078 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3376 | / | | | | | | | | | | | | | | | |
| SM3079 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3377 | / | | | | | | | | | | | | | | | |
| SM3080 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3378 | / | | | | | | | | | | | | | | | |
| SM3081 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3379 | / | | | | | | | | | | | | | | | |
| SM3082 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3380 | / | | | | | | | | | | | | | | | |
| SM3083 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3381 | / | | | | | | | | | | | | | | | |
| SM3084 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3382 | / | | | | | | | | | | | | | | | |
| SM3085 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3383 | / | | | | | | | | | | | | | | | |
| SM3086 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3384 | / | | | | | | | | | | | | | | | |
| SM3087 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3387 | / | | | | | | | | | | | | | | | |
| SM3088 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3391 | / | | | | | | | | | | | | | | | |
| SM3089 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3392 | / | | | | | | | | | | | | | | | |
| SM3090 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3393 | / | | | | | | | | | | | | | | | |
| SM3091 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3394 | / | | | | | | | | | | | | | | | |
| SM3092 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3395 | / | | | | | | | | | | | | | | | |



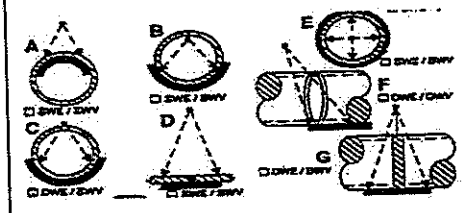
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|--|--|----------------------------------|--|---|--|---|--|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>8/6/2013</i> | | Page <i>6</i> of <i>6</i> | |
| Client Job No: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | | | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: <i>API 1104 20TH ED</i> | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>90 Ci</i> | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | | Diag: | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3153 | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3456 | / | | | | | | | | | | | | | | | | |
| SM3154 | CN/JMPH | 8" | .322" | C | D5 | 3 | 3459 | / | | | | | | | | | | | | | | | | |
| SM3155 | CN/JM/GO | 8" | .322" | C | D5 | 3 | 3460 | / | | | | | | | | | | | | | | | | |
| SM3156 | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3463 | / | | | | | | | | | | | | | | | | |
| SM3157 | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3464 | / | | | | | | | | | | | | | | | | |
| SM3158 | CN/JMPH | 8" | .322" | C | D5 | 3 | 3465 | / | | | | | | | | | | | | | | | | |
| SM3159 | CN/JM/GO | 8" | .322" | C | D5 | 3 | 3466 | / | | | | | | | | | | | | | | | | |
| SM3160 | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3467 | / | | | | | | | | | | | | | | | | |



| | | | | | | | |
|-------------------------------------|--|----------------------------------|--|--|--|---|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 8/7/2013 | | Page 1 of 6 | |
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 90 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D5/D6/D7, 80, 90, 100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3161 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3468 | / | | | | | | | | | | | | | | | |
| SM3162 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3469 | / | | | | | | | | | | | | | | | |
| SM3163 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3470 | / | | | | | | | | | | | | | | | |
| SM3164 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3471 | / | | | | | | | | | | | | | | | |
| SM3165 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3472 | / | | | | | | | | | | | | | | | |
| SM3166 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3473 | / | | | | | | | | | | | | | | | |
| SM3167 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3474 | / | | | | | | | | | | | | | | | |
| SM3168 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3475 | / | | | | | | | | | | | | | | | |
| SM3169 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3476 | / | | | | | | | | | | | | | | | |
| SM3170 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3477 | / | | | | | | | | | | | | | | | |
| SM3171 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3478 | / | | | | | | | | | | | | | | | |
| SM3172 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3479 | / | | | | | | | | | | | | | | | |
| SM3173 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3480 | / | | | | | | | | | | | | | | | |
| SM3174 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3481 | / | | | | | | | | | | | | | | | |
| SM3175 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3482 | / | | | | | | | | | | | | | | | |
| SM3176 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3483 | / | | | | | | | | | | | | | | | |
| SM3177 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3484 | / | | | | | | | | | | | | | | | |
| SM3178 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3485 | / | | | | | | | | | | | | | | | |
| SM3179 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3486 | / | | | | | | | | | | | | | | | |



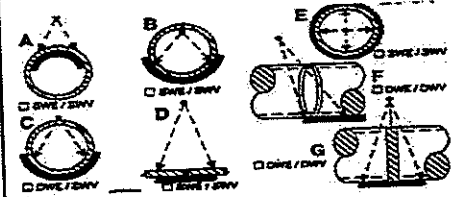
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|--------------------------------|---|----------|-----------|--------|----|--------|--------------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | | Total Hours |
| | | | MILES:130 | 5:00AM | TO | 8:00PM | |

Level II Radiographer: Jeffrey Schmandt Client Reviewer: [Signature]

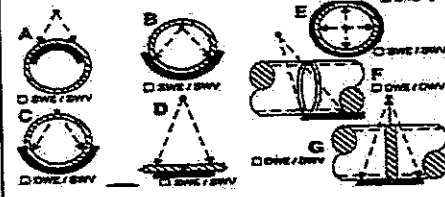
This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

| | | | | | | | |
|--------------------------------------|--|----------------------------------|--|---|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 8/7/2013 | | Page 2 of 6 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weid Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 90 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (3310/405FD7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM3181 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3488 | / | | | | | | | | | | | | | | |
| SM3182 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3489 | / | | | | | | | | | | | | | | |
| SM3183 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3490 | / | | | | | | | | | | | | | | |
| SM3184 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3491 | / | | | | | | | | | | | | | | |
| SM3185 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3492 | / | | | | | | | | | | | | | | |
| SM3186 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3493 | / | | | | | | | | | | | | | | |
| SM3187 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3494 | / | | | | | | | | | | | | | | |
| SM3188 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3495 | / | | | | | | | | | | | | | | |
| SM3189 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3496 | / | | | | | | | | | | | | | | |
| SM3190 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3497 | / | | | | | | | | | | | | | | |
| SM3191 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3498 | / | | | | | | | | | | | | | | |
| SM3192 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3499 | / | | | | | | | | | | | | | | |
| SM3193 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3500 | / | | | | | | | | | | | | | | |
| SM3194 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3501 | / | | | | | | | | | | | | | | |
| SM3195 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3502 | / | | | | | | | | | | | | | | |
| SM3196 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3503 | / | | | | | | | | | | | | | | |
| SM3197 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3504 | / | | | | | | | | | | | | | | |
| SM3198 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3505 | / | | | | | | | | | | | | | | |
| SM3199 | | CN/PH/SK | 8" | .322" | C | D5 | 3 | 3506 | / | | | | | | | | | | | | | | |
| SM3200 | | CN/PH/MV | 8" | .322" | C | D5 | 3 | 3507 | / | | | | | | | | | | | | | | |

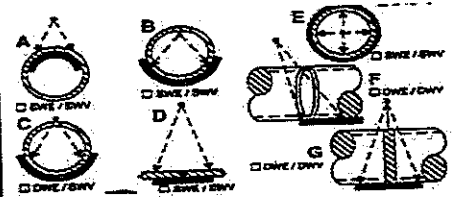


| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 8/7/2013 | | Page 5 of 6 | | | | | | | | | | | | | | | | | |
|---------------------------------|----------|---------------------------|------------------------|---|-----------|--|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| Client Job No: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | | | | | | | | | | | | | | | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | | | | | | | | | | | | | | | | | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 90 Ci | | KV: N/A MA: N/A | | | | | | | | | | | | | | | | | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | | Diag: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | | | |
| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D31D4P5/D7,60,60,100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
| SM3241 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3564 | / | | | | | | | | | | | | | | |
| SM3242 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3565 | / | | | | | | | | | | | | | | |
| SM3243 | | CN/JMGO | 8" | .322" | C | D5 | 3 | 3566 | / | | | | | | | | | | | | | | |
| SM3244 | | CN/JM/GO | 8" | .322" | C | D5 | 3 | 3568 | | X | X | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM3246 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3571 | / | | | | | | | | | | | | | | |
| SM3247 | | CN/JMGO | 8" | .322" | C | D5 | 3 | 3572 | / | | | | | | | | | | | | | | |
| SM3248 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3582 | / | | | | | | | | | | | | | | |
| SM3249 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3583 | / | | | | | | | | | | | | | | |
| SM3250 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3584 | / | | | | | | | | | | | | | | |
| SM3251 | | CN/JMGO | 8" | .322" | C | D5 | 3 | 3585 | / | | | | | | | | | | | | | | |
| SM3252 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3586 | / | | | | | | | | | | | | | | |
| SM3253 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3587 | / | | | | | | | | | | | | | | |
| SM3254 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3588 | / | | | | | | | | | | | | | | |
| SM3255 | | CN/JMGO | 8" | .322" | C | D5 | 3 | 3589 | / | | | | | | | | | | | | | | |
| SM3256 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3590 | / | | | | | | | | | | | | | | |
| SM3257 | | CN/JM/SK | 8" | .322" | C | D5 | 3 | 3591 | / | | | | | | | | | | | | | | |
| SM3258 | | CN/JM/PH | 8" | .322" | C | D5 | 3 | 3592 | / | | | | | | | | | | | | | | |
| SM3259 | | CN/JMGO | 8" | .322" | C | D5 | 3 | 3593 | / | | | | | | | | | | | | | | |
| SM3260 | | CN/JM/MV | 8" | .322" | C | D5 | 3 | 3594 | / | | | | | | | | | | | | | | |



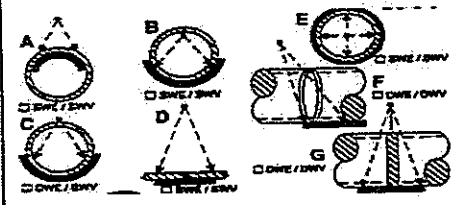
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|---------------------------------|---------------------------|---|--|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/7/2013 | Page 6 of 6 |
| Client Job No: SUMMIT MIDSTREAM | AFE No.: | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci | KV: N/A MA: N/A |
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | Diag: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix | Welder Stencil | Pipe Size of SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D4/D5/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3261 | | CN/JIM/SK | 8" | .322" | C | D5 | 3 | 3595 | / | | | | | | | | | | | | | | | |
| SM3262 | | CN/JIMPH | 8" | .322" | C | D5 | 3 | 3596 | / | | | | | | | | | | | | | | | |
| SM3263 | | CN/JIM/GO | 8" | .322" | C | D5 | 3 | 3597 | / | | | | | | | | | | | | | | | |
| SM3264 | | CN/JIM/MV | 8" | .322" | C | D5 | 3 | 3599 | / | | | | | | | | | | | | | | | |
| SM3265 | | CN/JIM/SK | 8" | .322" | C | D5 | 3 | 3600 | / | | | | | | | | | | | | | | | |
| SM3266 | | CN/JIMPH | 8" | .322" | C | D5 | 3 | 3601 | / | | | | | | | | | | | | | | | |
| SM3267 | | CN/JIM/GO | 8" | .322" | C | D5 | 3 | 3602 | / | | | | | | | | | | | | | | | |
| SM3268 | | CN/JIM/MV | 8" | .322" | C | D5 | 3 | 3603 | / | | | | | | | | | | | | | | | |
| SM3269 | | CN/JIM/GO | 8" | .322" | C | D5 | 3 | 3604 | / | | | | | | | | | | | | | | | |
| SM3270 | | CN/JIM/GO | 8" | .322" | C | D5 | 3 | 3605 | / | | | | | | | | | | | | | | | |
| SM3271 | | CN/JIM/KH | 8" | .322" | C | D5 | 3 | 3606 | / | | | | | | | | | | | | | | | |
| SM3272 | | CN/JIM/SK | 8" | .322" | C | D5 | 3 | 3607 | / | | | | | | | | | | | | | | | |
| SM3273 | | CN/JIM/PH | 8" | .322" | C | D5 | 3 | 3608 | / | | | | | | | | | | | | | | | |
| SM3274 | | CN/JIM/GO | 8" | .322" | C | D5 | 3 | 3609 | / | | | | | | | | | | | | | | | |
| SM3275 | | CN/JIM/KH | 8" | .322" | C | D5 | 3 | 3610 | / | | | | | | | | | | | | | | | |
| SM3276 | | CN/JIM/SK | 8" | .322" | C | D5 | 3 | 3611 | / | | | | | | | | | | | | | | | |
| SM3277 | | CN/JIM/PH | 8" | .322" | C | D5 | 3 | 3612 | / | | | | | | | | | | | | | | | |
| SM3278 | | CN/JIM/GO | 8" | .322" | C | D5 | 3 | 3613 | / | | | | | | | | | | | | | | | |
| SM3279 | | CN/JIM/KH | 8" | .322" | C | D5 | 3 | 3614 | / | | | | | | | | | | | | | | | |
| SM3280 | | CN/JIM/SK | 8" | .322" | C | D5 | 3 | 3615 | / | | | | | | | | | | | | | | | |



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|--------------------------------------|--|----------------------------------|--|---|--|---|--|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>8/8/2013</i> | | Page 1 of 6 | |
| Client Job : <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | | | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: <i>API 1104 20TH ED</i> | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>90 Ci</i> | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | | Diag: <input type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D310/D510/D7.50/.90/100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (✓) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | Diagram | | |
| SM3281 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 3616 | / | | | | | | | | | | | | | | | |
| SM3282 | | JM/MV/GO | 8" | .322" | C | D5 | 3 | 3617 | / | | | | | | | | | | | | | | | |
| SM3283 | | JM/MV/KH | 8" | .322" | C | D5 | 3 | 3618 | / | | | | | | | | | | | | | | | |
| SM3284 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 3619 | / | | | | | | | | | | | | | | | |
| SM3285 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 3620 | / | | | | | | | | | | | | | | | |
| SM3286 | | JM/MV/GO | 8" | .322" | C | D5 | 3 | 3621 | / | | | | | | | | | | | | | | | |
| SM3287 | | JM/MV/KH | 8" | .322" | C | D5 | 3 | 3622 | / | | | | | | | | | | | | | | | |
| SM3288 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 3623 | / | | | | | | | | | | | | | | | |
| SM3289 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 3624 | / | | | | | | | | | | | | | | | |
| SM3290 | | JM/MV/GO | 8" | .322" | C | D5 | 3 | 3625 | / | | | | | | | | | | | | | | | |
| SM3291 | | JM/MV/KH | 8" | .322" | C | D5 | 3 | 3626 | / | | | | | | | | | | | | | | | |
| SM3292 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 3627 | / | | | | | | | | | | | | | | | |
| SM3293 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 3628 | / | | | | | | | | | | | | | | | |
| SM3294 | | JM/MV/GO | 8" | .322" | C | D5 | 3 | 3629 | / | | | | | | | | | | | | | | | |
| SM3295 | | JM/MV/KH | 8" | .322" | C | D5 | 3 | 3630 | / | | | | | | | | | | | | | | | |
| SM3296 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 3631 | / | | | | | | | | | | | | | | | |
| SM3297 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 3632 | / | | | | | | | | | | | | | | | |
| SM3298 | | JM/MV/GO | 8" | .322" | C | D5 | 3 | 3633 | / | | | | | | | | | | | | | | | |
| SM3299 | | JM/MV/KH | 8" | .322" | C | D5 | 3 | 3634 | / | | | | | | | | | | | | | | | |
| SM3300 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 3635 | / | | | | | | | | | | | | | | | |



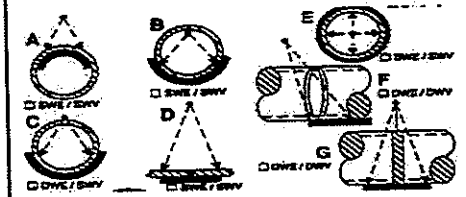
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|---|--|-------------------|--------|------------|--------------------------------|
| # OF WELDS RADIOGRAPHED <i>112-113</i> | NUMBER OF RADIOGRAPHIC PERSONNEL <i>3</i> | Travel | | | Total Hours <i>16.5</i> |
| | | MILES: <i>130</i> | 5:30AM | TO 10:00PM | |

Level II Radiographer: *Jeffrey Schmandt* Client Reviewer:

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

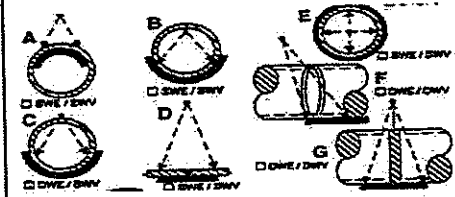
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|-------------------------------------|--|----------------------------------|---|--------------------------------------|---|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>8/8/2013</i> | Page 2 of 6 |
| Client Job: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>90 Ci</i> | KV: <i>N/A</i> MA: <i>N/A</i> |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | Focal Spot Size <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> | Diag: | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D4/D6/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM3301 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 3636 | / | | | | | | | | | | | | | | |
| SM3302 | | JM/MV/GO | 8" | .322" | C | D5 | 3 | 3637 | / | | | | | | | | | | | | | | |
| SM3303 | | JM/MV/KH | 8" | .322" | C | D5 | 3 | 3638 | / | | | | | | | | | | | | | | |
| SM3304 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 3639 | / | | | | | | | | | | | | | | |
| SM3305 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 3640 | / | | | | | | | | | | | | | | |
| SM3306 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3641 | / | | | | | | | | | | | | | | |
| SM3307 | | MV/JMKH | 8" | .322" | C | D5 | 3 | 3643 | / | | | | | | | | | | | | | | |
| SM3308 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3644 | / | | | | | | | | | | | | | | |
| SM3309 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3645 | / | | | | | | | | | | | | | | |
| SM3310 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3646 | / | | | | | | | | | | | | | | |
| SM3311 | | MV/JMKH | 8" | .322" | C | D5 | 3 | 3647 | / | | | | | | | | | | | | | | |
| SM3312 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3648 | / | | | | | | | | | | | | | | |
| SM3313 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3649 | / | | | | | | | | | | | | | | |
| SM3314 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3650 | / | | | | | | | | | | | | | | |
| SM3315 | | MV/JMKH | 8" | .322" | C | D5 | 3 | 3651 | / | | | | | | | | | | | | | | |
| SM3316 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3652 | / | | | | | | | | | | | | | | |
| SM3317 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3653 | / | | | | | | | | | | | | | | |
| SM3318 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3654 | / | | | | | | | | | | | | | | |
| SM3319 | | MV/JMKH | 8" | .322" | C | D5 | 3 | 3655 | / | | | | | | | | | | | | | | |
| SM3320 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3656 | / | | | | | | | | | | | | | | |



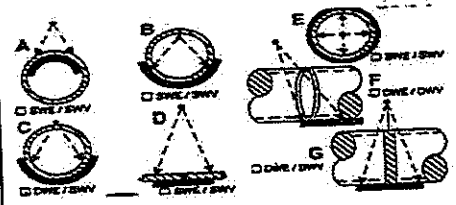
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|--|----------------------------------|--|---|
| BIC Proj. No.: <i>BM-13-02549</i> | Client: <i>SUMMIT</i> | Date: <i>8/8/2013</i> | Page <i>3</i> of <i>6</i> |
| Client Job No: <i>SUMMIT MIDSTREAM</i> | AFE No.: | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | Weld Proc. No.: | Governing Spec.: | Accept. Standard: <i>API 1104 20TH ED</i> |
| PO # <i>N/A</i> | Radiation Source: <i>IR-192</i> | Source Strength: <i>90 Ci</i> | KV: <i>N/A</i> MA: <i>N/A</i> |
| Material: <i>Carbon Steel</i> | Reinforcement (in.): <i>.125</i> | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> | Diag: <input type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix - | Weider Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (03124/06107, 60, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3322 | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3658 | / | | | | | | | | | | | | | | | | |
| SM3323 | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3659 | / | | | | | | | | | | | | | | | | |
| SM3325 | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3661 | / | | | | | | | | | | | | | | | | |
| SM3326 | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3662 | / | | | | | | | | | | | | | | | | |
| SM3328 | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3664 | / | | | | | | | | | | | | | | | | |
| SM3329 | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3665 | / | | | | | | | | | | | | | | | | |
| SM3330 | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3666 | / | | | | | | | | | | | | | | | | |
| SM3331 | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3667 | / | | | | | | | | | | | | | | | | |
| SM3332 | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3668 | / | | | | | | | | | | | | | | | | |
| SM3333 | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3669 | / | | | | | | | | | | | | | | | | |
| SM3334 | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3670 | / | | | | | | | | | | | | | | | | |
| SM3335 | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3671 | / | | | | | | | | | | | | | | | | |
| SM3336 | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3672 | / | | | | | | | | | | | | | | | | |
| SM3337 | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3673 | / | | | | | | | | | | | | | | | | |
| SM3338 | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3674 | / | | | | | | | | | | | | | | | | |
| SM3339 | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3675 | / | | | | | | | | | | | | | | | | |
| SM3340 | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3676 | / | | | | | | | | | | | | | | | | |



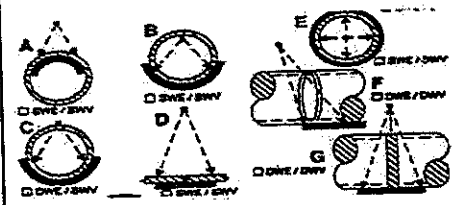
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|---------------------------------|--------------------------|------------------------|---|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/8/2013 | Project Location: FORTUNA, ND |
| Client Job No: SUMMIT MIDSTREAM | AFE No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Source Strength: 90 Ci | KV: N/A MA: N/A |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D5/D5/D5, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3341 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3677 | / | | | | | | | | | | | | | | | |
| SM3342 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3678 | / | | | | | | | | | | | | | | | |
| SM3343 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3679 | / | | | | | | | | | | | | | | | |
| SM3344 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3680 | / | | | | | | | | | | | | | | | |
| SM3345 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3681 | / | | | | | | | | | | | | | | | |
| SM3346 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3682 | / | | | | | | | | | | | | | | | |
| SM3347 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3683 | / | | | | | | | | | | | | | | | |
| SM3348 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3684 | / | | | | | | | | | | | | | | | |
| SM3349 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3685 | / | | | | | | | | | | | | | | | |
| SM3350 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3686 | / | | | | | | | | | | | | | | | |
| SM3351 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3687 | / | | | | | | | | | | | | | | | |
| SM3352 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3688 | / | | | | | | | | | | | | | | | |
| SM3353 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3689 | / | | | | | | | | | | | | | | | |
| SM3354 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3690 | / | | | | | | | | | | | | | | | |
| SM3355 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3691 | / | | | | | | | | | | | | | | | |
| SM3356 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3692 | / | | | | | | | | | | | | | | | |
| SM3357 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3693 | / | | | | | | | | | | | | | | | |
| SM3358 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3694 | / | | | | | | | | | | | | | | | |
| SM3359 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3695 | / | | | | | | | | | | | | | | | |
| SM3360 | | MV/JM/SK | 8" | .322" | C | D5 | 3 | 3696 | / | | | | | | | | | | | | | | | |



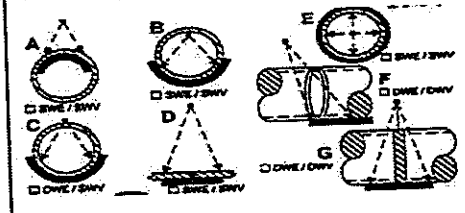
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|---|---------------------------------|--------------------------------------|---|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/8/2013 | Page 5 of 6 |
| Client Job No.: SUMMIT MIDSTREAM | AFE No.: | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci | KV: N/A MA: N/A |
| Material: Carbon Steel | | Reinforcement (in.): .125 | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .16 |
| | | Diag: | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D1/D4/D5/D7, 60, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3361 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3697 | / | | | | | | | | | | | | | | | |
| SM3362 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3698 | / | | | | | | | | | | | | | | | |
| SM3363 | | MV/JM/ST | 8" | .322" | C | D5 | 3 | 3699 | / | | | | | | | | | | | | | | | |
| SM3364 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3700 | / | | | | | | | | | | | | | | | |
| SM3365 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3701 | / | | | | | | | | | | | | | | | |
| SM3366 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3702 | / | | | | | | | | | | | | | | | |
| SM3367 | | MV/JM/ST | 8" | .322" | C | D5 | 3 | 3703 | / | | | | | | | | | | | | | | | |
| SM3368 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3704 | / | | | | | | | | | | | | | | | |
| SM3369 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3705 | / | | | | | | | | | | | | | | | |
| SM3370 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3706 | / | | | | | | | | | | | | | | | |
| SM3371 | | MV/JM/ST | 8" | .322" | C | D5 | 3 | 3707 | / | | | | | | | | | | | | | | | |
| SM3372 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3708 | / | | | | | | | | | | | | | | | |
| SM3373 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3709 | / | | | | | | | | | | | | | | | |
| SM3374 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3710 | / | | | | | | | | | | | | | | | |
| SM3375 | | MV/JM/ST | 8" | .322" | C | D5 | 3 | 3711 | / | | | | | | | | | | | | | | | |
| SM3376 | | MV/JM/KH | 8" | .322" | C | D5 | 3 | 3712 | / | | | | | | | | | | | | | | | |
| SM3377 | | MV/JM/GO | 8" | .322" | C | D5 | 3 | 3713 | / | | | | | | | | | | | | | | | |
| SM3378 | | MV/JM/PH | 8" | .322" | C | D5 | 3 | 3714 | / | | | | | | | | | | | | | | | |
| SM3379 | | MV/JM/ST | 8" | .322" | C | D5 | 3 | 3715 | / | | | | | | | | | | | | | | | |



| | | | | | | |
|-------------------------------------|--|--|--|---|--------------------------------------|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 8/9/2013 | Project Location: FORTUNA, ND | |
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Accept. Standard: API 1104 20TH ED | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 53 Ci | | |
| | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | | KV: N/A MA: N/A | | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D3104/D3107, 80, 80, 100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|--|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|-------------------------------|
| | | | | | | | | | | | | | | | | | | | | | | | Material: Carbon Steel |
| SM3390 | | PH/MV/ST | 8" | .322" | C | D5 | 3 | 3742 | / | | | | | | | | | | | | | | |
| SM3391 | | PH/MV/GO | 8" | .322" | C | D5 | 3 | 3743 | / | | | | | | | | | | | | | | |
| SM3392 | | PH/MV/GO | 8" | .322" | C | D5 | 3 | 3744 | / | | | | | | | | | | | | | | |
| SM3393 | | PH/MV/GO | 8" | .322" | C | D5 | 3 | 3745 | / | | | | | | | | | | | | | | |
| SM3394 | | PH/MV/KH | 8" | .322" | C | D5 | 3 | 3746 | / | | | | | | | | | | | | | | |
| SM3395 | | PH/MV/ST | 8" | .322" | C | D5 | 3 | 3747 | / | | | | | | | | | | | | | | |
| SM3396 | | PH/MV/GO | 8" | .322" | C | D5 | 3 | 3748 | / | | | | | | | | | | | | | | |
| SM3397 | | PH/MV/KH | 8" | .322" | C | D5 | 3 | 3749 | / | | | | | | | | | | | | | | |
| SM3398 | | PH/MV/ST | 8" | .322" | C | D5 | 3 | 3750 | / | | | | | | | | | | | | | | |
| SM3399 | | PH/MV/GO | 8" | .322" | C | D5 | 3 | 3751 | / | | | | | | | | | | | | | | |
| SM3400 | | PH/MV/KH | 8" | .322" | C | D5 | 3 | 3752 | / | | | | | | | | | | | | | | |
| SM3401 | | PH/MV/ST | 8" | .322" | C | D5 | 3 | 3753 | / | | | | | | | | | | | | | | |
| SM3402 | | PH/MV/GO | 8" | .322" | C | D5 | 3 | 3754 | / | | | | | | | | | | | | | | |
| SM3403 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3755 | / | | | | | | | | | | | | | | |
| SM3404 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3756 | / | | | | | | | | | | | | | | |
| SM3405 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3757 | / | | | | | | | | | | | | | | |
| SM3406 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3758 | / | | | | | | | | | | | | | | |
| SM3407 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3759 | / | | | | | | | | | | | | | | |
| SM3408 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3760 | / | | | | | | | | | | | | | | |
| SM3409 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3761 | / | | | | | | | | | | | | | | |



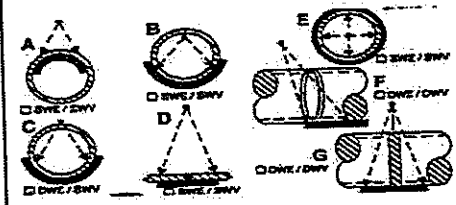
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|--------------------------------|---|----------|---------------|--------|----|--------------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 2 | Travel | | | Total Hours |
| | | | MILES:135 | 5:30AM | TO | |

Level II Radiographer: **JOSEPH DALY LEVEL II** Client Reviewer:

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

| | | | | |
|------------------------------|---------------------------|---|------------------------------------|---|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/9/2013 | Page 1 of 8 | |
| Client Job: SUMMIT MIDSTREAM | AFE No.: | Project Location: FORTUNA, ND | | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci | KV: N/A | MA: N/A |
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> | Diag: | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D5/D5/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3410 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3762 | / | | | | | | | | | | | | | | | |
| SM3411 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3763 | / | | | | | | | | | | | | | | | |
| SM3412 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3764 | / | | | | | | | | | | | | | | | |
| SM3413 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3765 | / | | | | | | | | | | | | | | | |
| SM3414 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3767 | / | | | | | | | | | | | | | | | |
| SM3415 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3768 | / | | | | | | | | | | | | | | | |
| SM3416 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3769 | / | | | | | | | | | | | | | | | |
| SM3418 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3771 | / | | | | | | | | | | | | | | | |
| SM3419 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3772 | / | | | | | | | | | | | | | | | |
| SM3420 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3773 | / | | | | | | | | | | | | | | | |
| SM3421 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3774 | / | | | | | | | | | | | | | | | |
| SM3422 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3775 | / | | | | | | | | | | | | | | | |
| SM3423 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3776 | / | | | | | | | | | | | | | | | |
| SM3424 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3777 | / | | | | | | | | | | | | | | | |
| SM3425 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3778 | / | | | | | | | | | | | | | | | |
| SM3426 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3779 | / | | | | | | | | | | | | | | | |
| SM3428 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3781 | / | | | | | | | | | | | | | | | |
| SM3429 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3782 | / | | | | | | | | | | | | | | | |



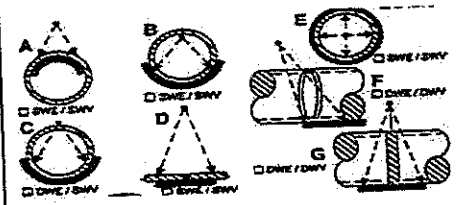
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|-------------------------|----------------------------------|---|-----------|-------------|----|---------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | Total Hours | | |
| 142 | | | MILES:130 | 5:30AM | TO | 11:00PM |
| | | | | | | 17.5 |

Level II Radiographer: Jeffrey Schmandt *[Signature]* Client Reviewer: _____

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

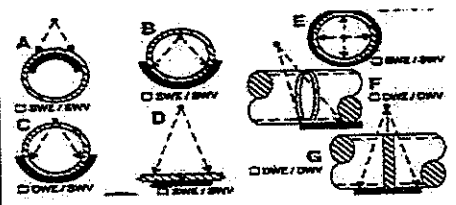
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|------------------------------|---------------------------|---|--|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/9/2013 | Page 2 of 8 |
| Client Job: SUMMIT MIDSTREAM | AFE No.: | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci | KV: N/A MA: N/A |
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | Diag: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D31D406107, 60, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|-------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3430 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3783 | / | | | | | | | | | | | | | | | |
| SM3431 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3784 | / | | | | | | | | | | | | | | | |
| SM3432 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3785 | / | | | | | | | | | | | | | | | |
| SM3433 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3786 | / | | | | | | | | | | | | | | | |
| SM3434 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3787 | / | | | | | | | | | | | | | | | |
| SM3435 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3788 | / | | | | | | | | | | | | | | | |
| SM3436 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3789 | / | | | | | | | | | | | | | | | |
| SM3437 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3790 | / | | | | | | | | | | | | | | | |
| SM3438 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3791 | / | | | | | | | | | | | | | | | |
| SM3439 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3792 | / | | | | | | | | | | | | | | | |
| SM3440 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3793 | / | | | | | | | | | | | | | | | |
| SM3441 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3794 | / | | | | | | | | | | | | | | | |
| SM3442 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3795 | / | | | | | | | | | | | | | | | |
| SM3443 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3796 | / | | | | | | | | | | | | | | | |
| SM3444 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3797 | / | | | | | | | | | | | | | | | |
| SM3445 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3798 | / | | | | | | | | | | | | | | | |
| SM3446 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3799 | / | | | | | | | | | | | | | | | |
| SM3447 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3800 | / | | | | | | | | | | | | | | | |
| SM3448 | | CN/MV/GO | 8" | .322" | C | D5 | 3 | 3801 | / | | | | | | | | | | | | | | | |
| SM3449 | | CN/MV/KH | 8" | .322" | C | D5 | 3 | 3802 | / | | | | | | | | | | | | | | | |



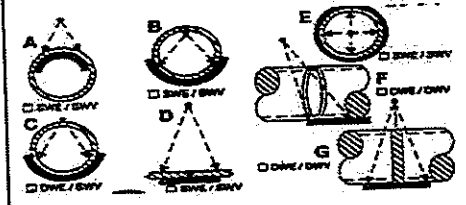
| | | | | | | | |
|---------------------------------|--|---------------------------|--|---|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 8/9/2013 | | Page 3 of 8 | |
| Client Job No: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 90 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D6/D6B/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--------------|--|
| SM3450 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3802 | / | | | | | | | | | | | | | | POROSITY 1-2 | |
| SM3451 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3803 | / | | | | | | | | | | | | | | | |
| SM3452 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3804 | / | | | | | | | | | | | | | | | |
| SM3453 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3805 | / | | | | | | | | | | | | | | | |
| SM3454 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3806 | / | | | | | | | | | | | | | | | |
| SM3455 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3807 | / | | | | | | | | | | | | | | | |
| SM3456 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3808 | / | | | | | | | | | | | | | | | |
| SM3457 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3809 | / | | | | | | | | | | | | | | | |
| SM3458 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3810 | / | | | | | | | | | | | | | | | |
| SM3459 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3811 | / | | | | | | | | | | | | | | | |
| SM3460 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3812 | / | | | | | | | | | | | | | | | |
| SM3461 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3813 | / | | | | | | | | | | | | | | | |
| SM3462 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3814 | / | | | | | | | | | | | | | | | |
| SM3463 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3817 | / | | | | | | | | | | | | | | | |
| SM3464 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3818 | / | | | | | | | | | | | | | | | |
| SM3465 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3819 | / | | | | | | | | | | | | | | | |
| SM3466 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3820 | / | | | | | | | | | | | | | | | |
| SM3467 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3821 | / | | | | | | | | | | | | | | | |
| SM3468 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3822 | / | | | | | | | | | | | | | | | |
| SM3469 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3823 | / | | | | | | | | | | | | | | | |



| | | | |
|---------------------------------|---------------------------|---|--|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 8/9/2013 | Page 4 of 8 |
| Client Job No: SUMMIT MIDSTREAM | AFE No.: | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 90 Ci | KV: N/A MA: N/A |
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 | Diag: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |

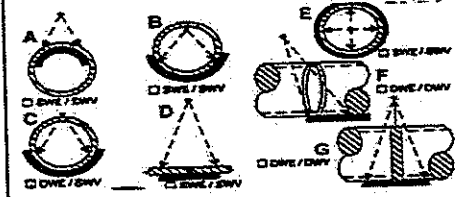
| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D6/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM3470 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3824 | / | | | | | | | | | | | | | | | |
| SM3471 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3825 | / | | | | | | | | | | | | | | | |
| SM3472 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3826 | / | | | | | | | | | | | | | | | |
| SM3473 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3827 | / | | | | | | | | | | | | | | | |
| SM3474 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3828 | / | | | | | | | | | | | | | | | |
| SM3475 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3829 | / | | | | | | | | | | | | | | | |
| SM3476 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3830 | / | | | | | | | | | | | | | | | |
| SM3477 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3831 | / | | | | | | | | | | | | | | | |
| SM3478 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3832 | / | | | | | | | | | | | | | | | |
| SM3479 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3833 | / | | | | | | | | | | | | | | | |
| SM3480 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3835 | / | | | | | | | | | | | | | | | |
| SM3481 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3837 | / | | | | | | | | | | | | | | | |
| SM3482 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3838 | / | | | | | | | | | | | | | | | |
| SM3483 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3837 | / | | | | | | | | | | | | | | | |
| SM3484 | | CN/MV/SK | 8" | .322" | C | D5 | 3 | 3836 | / | | | | | | | | | | | | | | | |
| SM3485 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3835 | / | | | | | | | | | | | | | | | |
| SM3486 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3834 | / | | | | | | | | | | | | | | | |
| SM3488 | | CN/MV/ST | 8" | .322" | C | D5 | 3 | 3842 | / | | | | | | | | | | | | | | | |
| SM3489 | | CN/MV/PH | 8" | .322" | C | D5 | 3 | 3848 | / | | | | | | | | | | | | | | | |



Radiography Report

| | | | | | | | |
|--|--|----------------------------------|--|--|--|---|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 8/9/2013 | | Page 5 of 8 | |
| Client Job No: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 90 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size: <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> | | Diag: <input type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 90, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (✓) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | BRAUN INTERTEC | | | | | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|-------------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|----------------|----------|---------|--------------------|--|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | External | Internal | Burn Th | Internal Concavity | | | | | | |
| SM3490 | CN/JM/MV/GO | 8" | .322" | C | D5 | 3 | 3849 | / | | | | | | | | | | | | | | | | | |
| SM3491 | CN/JM/MV/ST | 8" | .322" | C | D5 | 3 | 3850 | / | | | | | | | | | | | | | | | | | |
| SM3492 | CN/JM/MV/SK | 8" | .322" | C | D5 | 3 | 3851 | / | | | | | | | | | | | | | | | | | |
| SM3493 | CN/JM/MV/GO | 8" | .322" | C | D5 | 3 | 3852 | / | | | | | | | | | | | | | | | | | |
| SM3494 | CN/JM/MV/ST | 8" | .322" | C | D5 | 3 | 3853 | / | | | | | | | | | | | | | | | | | |
| SM3495 | CN/JM/MV/SK | 8" | .322" | C | D5 | 3 | 3854 | / | | | | | | | | | | | | | | | | | |
| SM3496 | CN/JM/MV/GO | 8" | .322" | C | D5 | 3 | 3855 | / | | | | | | | | | | | | | | | | | |
| SM3497 | CN/JM/MV/ST | 8" | .322" | C | D5 | 3 | 3856 | / | | | | | | | | | | | | | | | | | |
| SM3498 | CN/JM/MV/SK | 8" | .322" | C | D5 | 3 | 3857 | / | | | | | | | | | | | | | | | | | |
| SM3499 | CN/JM/MV/GO | 8" | .322" | C | D5 | 3 | 3858 | / | | | | | | | | | | | | | | | | | |
| SM3500 | CN/JM/MV/ST | 8" | .322" | C | D5 | 3 | 3859 | / | | | | | | | | | | | | | | | | | |
| SM3501 | CN/JM/MV/SK | 8" | .322" | C | D5 | 3 | 3860 | / | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| SM3503 | CN/JM/MV/ST | 8" | .322" | C | D5 | 3 | 3862 | / | | | | | | | | | | | | | | | | | |
| SM3504 | CN/JM/MV/SK | 8" | .322" | C | D5 | 3 | 3863 | / | | | | | | | | | | | | | | | | | |
| SM3505 | CN/JM/MV/GO | 8" | .322" | C | D5 | 3 | 3864 | / | | | | | | | | | | | | | | | | | |
| SM3506 | CN/JM/MV/ST | 8" | .322" | C | D5 | 3 | 3865 | / | | | | | | | | | | | | | | | | | |
| SM3507 | CN/JM/MV/SK | 8" | .322" | C | D5 | 3 | 3866 | / | | | | | | | | | | | | | | | | | |
| SM3508 | CN/JM/MV/GO | 8" | .322" | C | D5 | 3 | 3867 | / | | | | | | | | | | | | | | | | | |
| SM3509 | CN/JM/MV/ST | 8" | .322" | C | D5 | 3 | 3868 | / | | | | | | | | | | | | | | | | | |



**BRAUN
INTERTEC**

Radiography Report

| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 5/9/2013 | Page 1 of 3 | | | | | | | | | | | | | | | | | |
|---|--------|----------------------------------|------------------------|--|---------------------------|---------------------------|-------------|------------|------------|------------------|-------------------|-------------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|---|
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: EPPING, ND | | | | | | | | | | | | | | | | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | | | | | | | | | | | | | | | | | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 125 Ci | | | | | | | | | | | | | | | | | | |
| Material: Carbon Steel | | Reinforcement (In.): .125 | | Focal Spot Size (In.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> Diag: | | | | | | | | | | | | | | | | | | |
| Accept. Standard: API 1104 20TH ED | | KV: N/A | | MA: N/A | | | | | | | | | | | | | | | | | | |
| Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | | | | | | | | |
| We Id No. | Prefix | Welder Symbol | Pipe Size or SFD (In.) | Pipe/Plate Thickness (In.) | Technique | Film Type (ISO/ASA/Speed) | No. of Film | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
| SM1 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM2 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM3 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM4 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | / | | | | | | | | | | | | / |
| SM5 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM6 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM7 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | / | | | | | | | | | | | | |
| SM8 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM9 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM10 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM11 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM12 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | / | | | | | | | | | | | | |
| SM13 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM14 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM15 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | / | | | | | | | | | | | | |
| SM16 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM17 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM18 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM19 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| SM20 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | |
| # OF WELDS RADIOGRAPHED | | NUMBER OF RADIOGRAPHIC PERSONNEL | | 2 | | Travel | | MILES:230 | | 6:00AM TO 9:30PM | | Total Hours | | 15.5 | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | |
| Level II Radiographer: | | JOSEPH DALY LEVEL II | | Client Reviewer: | | Jay L Adams | | | | | | | | | | | | | | | | |

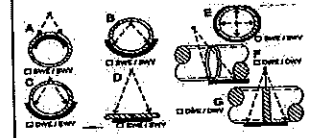
This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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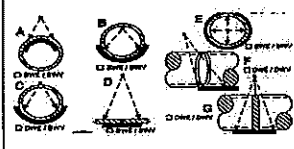
Radiography Report

| | | | |
|-------------------------------------|----------------------------------|--|---|
| BIG Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 5/9/2013 | Page 2 of 3 |
| Client Job: SUMMIT MIDSTREAM | AFE No.: | Project Location: EPPING, ND | Accept. Standard: API 1104 20TH ED |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | KV: N/A MA: N/A |
| PO # N/A | Radiation Source: IR-192 | Source Strength: 125 Ci | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> Diag: | |

| Weld Id No. Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (per customer, if any, req) | No. of Film | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments |
|-------------------------|----------------|------------------------|----------------------------|-----------|---------------------------------------|-------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|
| SM21 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM22 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM23 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM24 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM25 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM26 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM27 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM28 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM29 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM30 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM31 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM32 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM33 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM34 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM35 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM36 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM37 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM38 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM39 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM40 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |



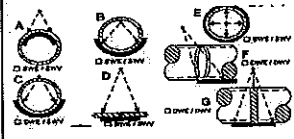
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 5/9/2013 | | Page 3 of 3 | | | | | | | | | | | | | | | |
|---------------------------------|----------|---------------------------|------------------------|--|-----------|--|-------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|
| Client Job No: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: EPPING, ND | | | | | | | | | | | | | | | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | | | | | | | | | | | | | | | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 125 Ci | | KV: N/A MA: N/A | | | | | | | | | | | | | | | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | | | | | | | | | | | | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | |
| Weld Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (processor/latency) | No. of Film | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments |
| SM41 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM42 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | / | | | | | | | | | | |
| SM43 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM44 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | / | | | | | | | | | | |
| SM45 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM46 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM47 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | / | | | | | | | | | | |
| SM48 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | / | | | | | | | |
| SM49 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | / | | | | | | | | | | |
| SM50 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |



| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 5/10/2013 | | Page 1 of 3 | | | | | | | | | | | | | | | |
|-------------------------------------|----------|---|------------------------|--|-----------|---|-------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: EPPING, ND | | Accept. Standard: API 1104 20TH ED | | | | | | | | | | | | | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | KV: N/A MA: N/A | | | | | | | | | | | | | | | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 125 Ci | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | | | | | | | | | | | | |
| We id No. | Prefix - | Welder Stencil | Pipe Size or SPD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (Sensitization/Speed) | No. of Film | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Titr | Internal Concavity | High-Low | Film Artifact | Remarks/Comments |
| SM51 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM52 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM53 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM54 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM55 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM56 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM57 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM58 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM59 | SK/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM60 | SK/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM61 | SK/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM62 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM63 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM64 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM65 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM66 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM67 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM68 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM69 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| SM70 | BH/RH/CN | | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | |
| # OF WELDS RADIOGRAPHED | | NUMBER OF RADIOGRAPHIC PERSONNEL | | Travel | | Total Hours | | | | | | | | | | | | | | | |
| 57 | | 2 | | MILES:230 | | 5:00AM TO 9:00PM | | 16 | | | | | | | | | | | | | |
| Level II Radiographer: | | JOSEPH DALY LEVEL II | | Client Reviewer: | | <i>Joseph Adam</i> | | | | | | | | | | | | | | | |

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test.

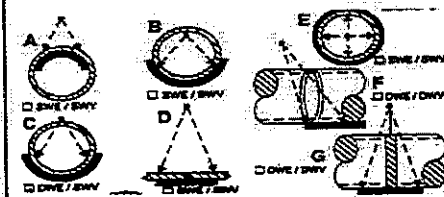
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 5/10/2013 | | Page 2 of 3 | | | | | | | | | | | | | | | | | |
|---|----------|---------------------------------|------------------------|-------------------------------------|-----------|---|-------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|---|--|
| Client Job: SUMMIT MIDSTREAM | | Weld Proc. No.: | | Project Location: EPPING, ND | | Accept. Standard: API 1104 20TH ED | | | | | | | | | | | | | | | | | |
| PROCEDURE: BIC-RT-API-1104 | | Radiation Source: IR-192 | | Source Strength: 125 Ci | | KV: N/A MA: N/A | | | | | | | | | | | | | | | | | |
| PO # N/A | | Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | | | | | | | | | |
| Weld Id No. | Prefix | Welder Stencil | Pipe Size or SPD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (per API 1104) | No. of Film | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
| SM71 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM72 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM73 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | / | |
| SM74 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | / | | | | | | | | | |
| SM75 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM76 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM77 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | / | | | | | | | | | | | | |
| SM78 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM79 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM80 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | / | | | | | | | | | |
| SM81 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | / | | | | | | | | | |
| SM82 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | / | |
| SM83 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM84 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM85 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM86 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | / | | | | | | | | | | | | |
| SM87 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM88 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | / | | | | | | | | | |
| SM89 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |
| SM90 | BH/RH/CN | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | |



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|-----------------------------------|---------------------------------|-------------------------------------|---|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 6/10/2013 | Page 1 of 3 |
| Client Job No.: | AFE No.: | Project Location: EPPING, ND | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| N/A | Radiation Source: IR-192 | Source Strength: 59 Ci | KV: N/A MA: N/A |

| | | | | |
|-------------------------------|----------------------------------|--|-------|---|
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | Diag: | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |
|-------------------------------|----------------------------------|--|-------|---|

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(p.312/40/61/87, 50, 80, 100)</small> | No. of Film | Upstream Joint # | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---|-------------|------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM164 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M951 | / | | | | | | | | | | | | | | | |
| SM165 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M1637 | / | | | | | | | | | | | | | | | |
| SM166 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M2716 | / | | | | | | | | | | | | | | | |
| SM167 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M3268 | / | | | | | | | / | / | | | | | | | |
| SM168 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M403 | / | | | | | | | / | | / | | | | | | |
| SM169 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M3456 | / | | | | | | | / | | | | | | | | |
| SM170 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M455 | / | | | | | | | / | | | | | | | | |
| SM171 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M3351 | / | | | / | | | | | | | | | | | | |
| SM172 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M416 | / | | | / | / | | | / | | | | | | | | |
| SM173 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M291 | / | | | / | / | | | / | | | | | | | | |
| SM174 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M3247 | / | | | | | | | / | | | | | | | | |
| SM175 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M19 | / | | | / | / | | | | | | | | | | | |
| SM176 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M409 | / | | | / | / | | | / | | | | | | | | |
| SM177 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M370 | / | | | / | / | | | | | | | | | | | |
| SM178 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M2616 | / | | | / | / | | | / | | | | | | | | |
| SM179 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M3268 | / | | | | | | | / | | | | | | | | |
| SM180 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M503 | / | | | / | / | | | | | | | | | | | |
| SM181 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M3635 | / | | | / | / | | | / | | | | | | | | |
| SM182 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M3479 | / | | | / | / | | | | | | | | | | | |
| SM183 | cn/rh/gu | 8" | .322" | C | D5 | 3 | M427 | / | | | | | | | | | | | | | | | |



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|-------------------------|----------------------------------|---|-----------|--------|-----------|-------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | Total Hours |
| | | | MILES:230 | 5:30AM | TO 8:00PM | |

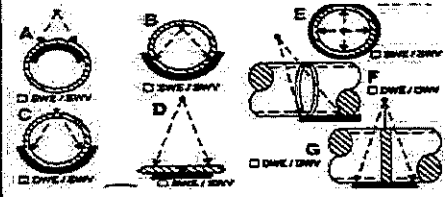
| | | | |
|------------------------|-----------------------|------------------|--------------------|
| Level II Radiographer: | DEVAN BLAINE LEVEL II | Client Reviewer: | <i>John Butler</i> |
|------------------------|-----------------------|------------------|--------------------|

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|-----------------------------------|---------------------------------|-------------------------------------|---|
| BIC Proj. No.: BM-13-02549 | Client: SUMMIT | Date: 6/11/2013 | PAGE 2 of 2 |
| Client Job No.: | AFE No.: | Project Location: EPPING, ND | |
| PROCEDURE: BIC-RT-API-1104 | Weld Proc. No.: | Governing Spec.: | Accept. Standard: API 1104 20TH ED |
| N/A | Radiation Source: IR-192 | Source Strength: 59 Ci | KV: N/A MA: N/A |

| | | | | |
|-------------------------------|----------------------------------|---|-------|---|
| Material: Carbon Steel | Reinforcement (in.): .125 | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | Diag: | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |
|-------------------------------|----------------------------------|---|-------|---|

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D5/D6/D7, S0, S0, 100)</small> | No. of Film | Upstream Joint # | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|---|-------------|------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM199 | | cn/rh | 8" | .322" | C | D5 | 3 | M3224 | / | | | | | | | | | | | | | | |
| SM200 | | cn/rh | 8" | .322" | C | D5 | 3 | M204 | / | | | | | | | | | | | | | | |
| SM201 | | cn/rh | 8" | .322" | C | D5 | 3 | M2616 | / | | | | | | | | | | | | | | |
| SM202 | | cn/rh | 8" | .322" | C | D5 | 3 | M1630 | / | | | | | | / | | | | | | | | |
| SM203 | | cn/rh | 8" | .322" | C | D5 | 3 | M1642 | / | | | | | | | | | | | | | | |
| SM204 | | cn/rh | 8" | .322" | C | D5 | 3 | M292 | / | | / | | | | / | | | | | | | | |
| SM205 | | cn/rh | 8" | .322" | C | D5 | 3 | M1179 | / | | | | | | | | | | | | | | |
| SM206 | | cn/rh | 8" | .322" | C | D5 | 3 | M646 | / | | | | | | | | | | | | | | |
| SM207 | | cn/rh | 8" | .322" | C | D5 | 3 | M3220 | / | | | | | | | | | | | | | | |
| SM208 | | cn/rh | 8" | .322" | C | D5 | 3 | M2050 | / | | | | | | | | | | | | | | |
| SM209 | | cn/rh | 8" | .322" | C | D5 | 3 | M377 | / | | / | | | | | | | | | | | | |
| SM210 | | cn/rh | 8" | .322" | C | D5 | 3 | M420 | / | | | | | | | | | | | | | | |
| SM211 | | cn/rh | 8" | .322" | C | D5 | 3 | M252 | / | | | | | | / | | | | | | | | |
| SM212 | | cn/rh | 8" | .322" | C | D5 | 3 | 154 | / | | | | | | | | | | | | | | |
| SM213 | | cn/rh | 8" | .322" | C | D5 | 3 | M465 | / | | | | | | | | | | | | | | |
| SM214 | | cn/rh | 8" | .322" | C | D5 | 3 | M510 | / | | | | | | | | | | | | | | |
| SM215 | | cn/rh | 8" | .322" | C | D5 | 3 | M1263 | / | | | | | | | | | | | | | | |
| SM216 | | cn/rh | 8" | .322" | C | D5 | 3 | M182 | / | | | | | | | | | | | | | | |
| SM217 | | cn/rh | 8" | .322" | C | D5 | 3 | M3686 | / | | | | | | | | | | | | | | |



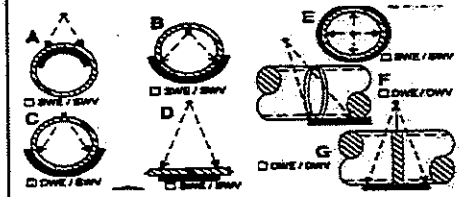
| | | | | | | |
|-------------------------|----------------------------------|---|-----------|-------------|----|--------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | Total Hours | | |
| 33 | | | MILES:230 | 5:30AM | TO | 8:30PM |
| | | | 15 | | | |

| | | | |
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| Level II Radiographer: | DEVAN BLAINE LEVEL II | Client Reviewer: | |
|------------------------|-----------------------|------------------|--|

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|-------------------------------------|--|----------------------------------|--|---|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/18/2013 | | Page 1 of 3 | |
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D3/D4/D6/D7, 40, 80, 100)</small> | No. of Film | UP-STREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--|-------------|---------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|
| | | | | | | | | | | | | | | | | | | | | | | |
| SM230 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM231 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM232 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM233 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM234 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM235 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM236 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM237 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM238 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM239 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM240 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM241 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM242 | | CN/RH/BH | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM243 | | CN/RH/BH | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM244 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM245 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM246 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM247 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM248 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | / | / | | | | | | | | | | | | | |
| SM249 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | / | / | | | | | | | | | | | | | |

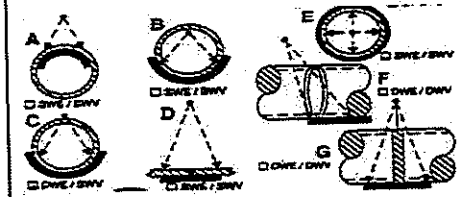


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|--------------------------------|---|----------|-------------------|---------------|-------------|---------------|-----------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | Total Hours | | |
| | | | MILES: 245 | 6:00AM | TO | 9:00PM | 15 |
| Level II Radiographer: | JOSEPH DALY LEVEL 2 | | Client Reviewer: | | | | |

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

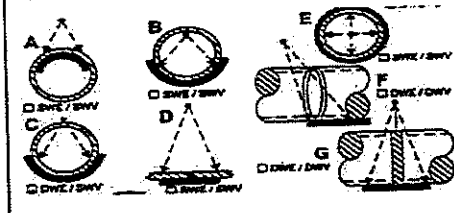
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|--------------------------------------|--|----------------------------------|--|---|-------------|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>6/18/2013</i> | Page 2 of 3 |
| Client Job : <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>75 Ci</i> | |
| | | | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> Diag: | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D6/D7, 60, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM250 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM251 | | BH/RH/CN | 3" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM252 | | BH/RH/CN | 8" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM253 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM254 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM255 | | BH/RH/CN | 3" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM256 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM257 | | BH/RH/CN | 8" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM258 | | BH/RH/CN | 3" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM259 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM260 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM261 | | BH/RH/CN | 8" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM262 | | BH/RH/CN | 3" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM263 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM264 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM265 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM266 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM267 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM268 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM269 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |



| | | | | | |
|--------------------------------------|--|---------------------------------|--|---|---------------------------|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/19/2013 | Page 1 of 4 |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | |
| | | | | KV: N/A MA: N/A | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> Diag: | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | | | | |
|-------------------------------|--------|----------------------------------|------------------------|--|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| Weld No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D7, 80, 90, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
| SM285 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM286 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM287 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM288 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM289 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM290 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM291 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM292 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM293 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM294 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM295 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM296 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM297 | | CN/RH/BH | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM298 | | CN/RH/BH | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM299 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM300 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM301 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM302 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM303 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM304 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |



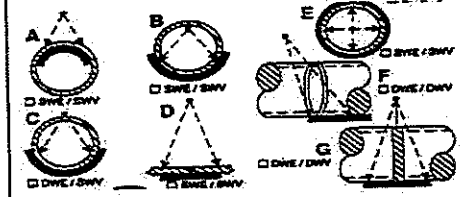
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|--|--|-----------|--------|-----------|-----------------------|
| # OF WELDS RADIOGRAPHED 61 | NUMBER OF RADIOGRAPHIC PERSONNEL 3 | Travel | | | Total Hours 16 |
| | | MILES:245 | 5:30AM | TO 9:30PM | |

Level II Radiographer: **JOSEPH DALY LEVEL 2** Client Reviewer:

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test.

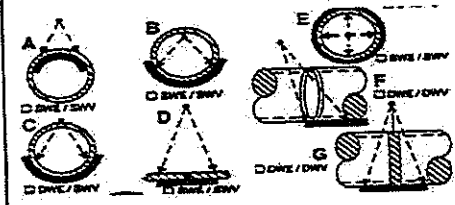
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|-------------------------------------|--|----------------------------------|--|---|---------------------------|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>6/19/2013</i> | Page <i>2</i> of <i>4</i> |
| Client Job: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>138 Ci</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | |
| | | | | Diag: <input type="checkbox"/> Single <input checked="" type="checkbox"/> Double | |
| | | | | Accept. Standard: <i>API 1104 20TH ED</i> | |
| | | | | KV: <i>N/A</i> MA: <i>N/A</i> | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM305 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM306 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM307 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM308 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM309 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM310 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM311 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM312 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM313 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM314 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM315 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM316 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM317 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM318 | | BH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM319 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM320 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM321 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM322 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM323 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |
| SM324 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | | |



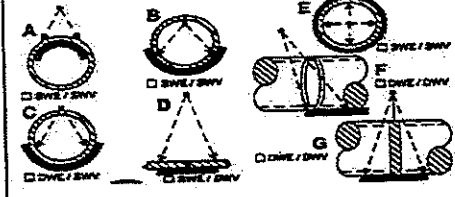
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|---|--|----------------------------------|--|---|---------------------------|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>6/19/2013</i> | Page <i>3</i> of <i>4</i> |
| Client Job No.: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>138 Ci</i> | |
| | | | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| | | | | Accept. Standard: <i>API 1104 20TH ED</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | |
| | | | | Diag: | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 90, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM325 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SM326 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SM327 | | PH/RH/CN | 8" | .322" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB89 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB90 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB91 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB92 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB93 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB94 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB95 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB96 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB97 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB98 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB99 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB100 | | BH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB101 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB102 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB103 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB104 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |
| SMB105 | | PH/RH/CN | 3" | .216" | C | D3 | 3 | | / | | | | | | | | | | | | | | |



| | | | | | |
|------------------------------|--|---------------------------|--|---|-------------|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/20/2013 | Page 1 of 4 |
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | |
| | | | | Diag: | |
| | | | | KV: N/A MA: N/A | |
| | | | | Accept. Standard: API 1104 20TH ED | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3104/D5107, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (✓) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| SM328 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | HEAVY STORMS DELAYED IN MORNING RIGHT AWAY UNTRAVELABLE |
| SM329 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM330 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM331 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM332 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM333 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM334 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM335 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM336 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM337 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM338 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM339 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM340 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM341 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM342 | | PH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM343 | | PH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM344 | | PH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM345 | | PH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM346 | | PH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |
| SM347 | | PH/RH/CN | 8" | .322" | C | D4 | 3 | | / | | | | | | | | | | | | | | |



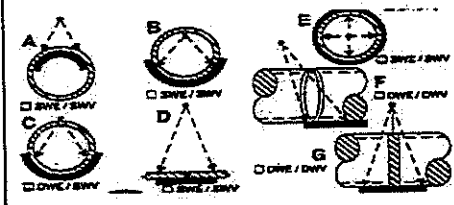
| | | | | | | |
|-------------------------|----------------------------------|---|-----------|--------|-------------|------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | Total Hours | |
| 20 | | | MILES:245 | 5:30AM | TO 6:00PM | 12.5 |

Level II Radiographer: JOSEPH DALY LEVEL 2 *[Signature]* Client Reviewer: *[Signature]*

This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

| | | | | | | | |
|--------------------------------------|--|----------------------------------|--|--|--|---|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/21/2013 | | Page 1 of 3 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D6/D7, 80, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM368 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 398 | / | | | | | | | | | | | | | | | |
| SM369 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 399 | / | | | | | | | | | | | | | | | |
| SM370 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 400 | / | | | | | | | | | | | | | | | |
| SM371 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 401 | / | | | | | | | | | | | | | | | |
| SM372 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 402 | / | | | | | | | | | | | | | | | |
| SM373 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 403 | / | | | | | | | | | | | | | | | |
| SM374 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 404 | / | | | | | | | | | | | | | | | |
| SM375 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | 405 | / | | | | | | | | | | | | | | | |
| SM376 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | 406 | / | | | | | | | | | | | | | | | |
| SM377 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | 407 | / | | | | | | | | | | | | | | | |
| SM398 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | 408 | / | | | | | | | | | | | | | | | |
| SM399 | | BH/RH/CN | 8" | .322" | C | D4 | 3 | 409 | / | | | | | | | | | | | | | | | |
| SM400 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 410 | / | | | | | | | | | | | | | | | |
| SM401 | | CN/RH/BH | 8" | .322" | C | D4 | 3 | 411 | / | | | | | | | | | | | | | | | |
| SM402 | | PH/RN/CN | 8" | .216" | C | D4 | 3 | 412 | / | | | | | | | | | | | | | | | |
| SM403 | | PH/RN/CN | 8" | .216" | C | D4 | 3 | 413 | / | | | | | | | | | | | | | | | |
| SM404 | | PH/RN/CN | 8" | .322" | C | D4 | 3 | 414 | / | | | | | | | | | | | | | | | |
| SM405 | | PH/RN/CN | 8" | .322" | C | D4 | 3 | 415 | / | | | | | | | | | | | | | | | |
| SM406 | | PH/RN/CN | 8" | .216" | C | D4 | 3 | 416 | / | | | | | | | | | | | | | | | |
| SM407 | | PH/RN/CN | 8" | .216" | C | D4 | 3 | 417 | / | | | | | | | | | | | | | | | |

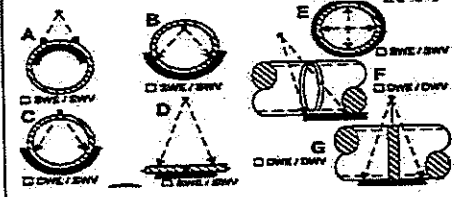


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|--------------------------------|---|----------|---------------|--------|----|--------------------|----|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | Total Hours | |
| | | | MILES:200 | 5:30AM | TO | 8:30PM | 15 |

Level II Radiographer: **JOSEPH DALY LEVEL II** Client Reviewer:

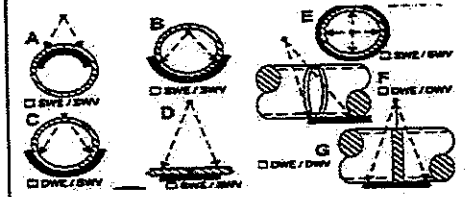
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| BIC Proj. No.: <i>BM-13-02549</i> | | | | Client: <i>SUMMIT</i> | | | | Date: <i>6/21/2013</i> | | | | Page <i>2</i> of <i>3</i> | | | | | | | | | | | | |
|--------------------------------------|----------|----------------------------------|------------------------|---|-----------|--------------------------------------|-------------|---|------------|------------|----------|---|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| Client Job : <i>SUMMIT MIDSTREAM</i> | | | | AFE No.: | | | | Project Location: <i>FORTUNA, ND</i> | | | | | | | | | | | | | | | | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | | | Weld Proc. No.: | | | | Governing Spec.: | | | | Accept. Standard: <i>API 1104 20TH ED</i> | | | | | | | | | | | | |
| PO # <i>N/A</i> | | | | Radiation Source: <i>IR-192</i> | | | | Source Strength: <i>137 Ci</i> | | | | KV: <i>N/A</i> MA: <i>N/A</i> | | | | | | | | | | | | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> | | Diag: | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | | |
| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (33P/45P/107, 50, 80, 100) | No. of Film | UP-STREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
| SM408 | CN/RH/BH | 8" | .322" | C | D4 | 3 | 418 | / | | | | | | | | | | | | | | | | |
| SM409 | CN/RH/BH | 8" | .322" | C | D4 | 3 | 419 | / | | | | | | | | | | | | | | | | |
| SM410 | CN/RH/BH | 8" | .322" | C | D4 | 3 | 420 | / | | | | | | | | | | | | | | | | |
| SM411 | CN/RH/BH | 8" | .322" | C | D4 | 3 | 422 | / | | | | | | | | | | | | | | | | |
| SM412 | CN/RH/BH | 8" | .322" | C | D4 | 3 | 423 | / | | | | | | | | | | | | | | | | |
| SM413 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 424 | / | | | | | | | | | | | | | | | | |
| SM414 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 425 | / | | | | | | | | | | | | | | | | |
| SM415 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 426 | / | | | | | | | | | | | | | | | | |
| SM416 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 427 | / | | | | | | | | | | | | | | | | |
| SM417 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 428 | / | | | | | | | | | | | | | | | | |
| SM418 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 429 | / | | | | | | | | | | | | | | | | |
| SM419 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 430 | / | | | | | | | | | | | | | | | | |
| SM420 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 431 | / | | | | | | | | | | | | | | | | |
| SM421 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 432 | / | | | | | | | | | | | | | | | | |
| SM422 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 433 | / | | | | | | | | | | | | | | | | |
| SM423 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 434 | / | | | | | | | | | | | | | | | | |
| SM424 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 435 | / | | | | | | | | | | | | | | | | |
| SM425 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 436 | / | | | | | | | | | | | | | | | | |
| SM426 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 437 | / | | | | | | | | | | | | | | | | |
| SM427 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 438 | / | | | | | | | | | | | | | | | | |



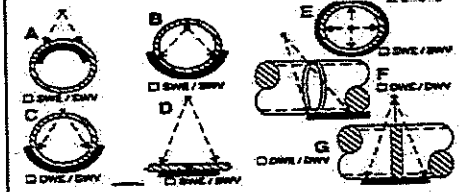
| | | | | | |
|--|--|----------------------------------|--|--|---------------------------|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>6/21/2013</i> | Page 3 of 3 |
| Client Job No: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>138 Ci</i> | |
| | | | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> Diag: | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D6/D7, 60,80,100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM448 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 439 | / | | | | | | | | | | | | | | | | |
| SM449 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 440 | / | | | | | | | | | | | | | | | | |
| SM450 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 441 | / | | | | | | | | | | | | | | | | |
| SM451 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 442 | / | | | | | | | | | | | | | | | | |
| SM452 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 443 | / | | | | | | | | | | | | | | | | |
| SM453 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 444 | / | | | | | | | | | | | | | | | | |
| SM454 | CN/CN/BH | 8" | .322" | C | D4 | 3 | 445 | / | | | | | | | | | | | | | | | | |
| SM455 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 165 | / | | | | | | | | | | | | | | | | |
| SM456 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 166 | / | | | | | | | | | | | | | | | | |
| SM457 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 167 | / | | | | | | | | | | | | | | | | |
| SM458 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 168 | / | | | | | | | | | | | | | | | | |
| SM459 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 169 | / | | | | | | | | | | | | | | | | |
| SM460 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 170 | / | | | | | | | | | | | | | | | | |
| SM461 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 171 | / | | | | | | | | | | | | | | | | |
| SM462 | CN/CN/BH | 3" | .216" | C | D3 | 3 | 172 | / | | | | | | | | | | | | | | | | |
| SM463 | CN/RH/BH | 3" | .216" | C | D3 | 3 | 173 | / | | | | | | | | | | | | | | | | |
| SM464 | CN/RH/BH | 3" | .216" | C | D3 | 3 | 174 | / | | | | | | | | | | | | | | | | |



| | | | | | | | |
|--------------------------------------|--|----------------------------------|--|--|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/26/2013 | | Page 1 of 4 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D3104/D5107,50,80,100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM523 | | PH/RH | 8" | .322" | C | D4 | 3 | 466 | / | | | | | | | | | | | | | | | |
| SM524 | | PH/RH | 8" | .322" | C | D4 | 3 | 467 | / | | | | | | | | | | | | | | | |
| SM525 | | PH/RH | 8" | .322" | C | D4 | 3 | 468 | / | | | | | | | | | | | | | | | |
| SM526 | | PH/RH | 8" | .322" | C | D4 | 3 | 469 | / | | | | | | | | | | | | | | | |
| SM527 | | PH/RH | 8" | .322" | C | D4 | 3 | 470 | / | | | | | | | | | | | | | | | |
| SM528 | | PH/RH | 8" | .322" | C | D4 | 3 | 471 | / | | | | | | | | | | | | | | | |
| SM529 | | PH/RH | 8" | .322" | C | D4 | 3 | 476 | / | | | | | | | | | | | | | | | |
| SM530 | | PH/RH | 8" | .322" | C | D4 | 3 | 477 | / | | | | | | | | | | | | | | | |
| SM531 | | PH/RH | 8" | .322" | C | D4 | 3 | 478 | / | | | | | | | | | | | | | | | |
| SM532 | | PH/RH | 8" | .322" | C | D4 | 3 | 479 | / | | | | | | | | | | | | | | | |
| SM533 | | PH/RH | 8" | .322" | C | D4 | 3 | 480 | / | | | | | | | | | | | | | | | |
| SM534 | | PH/RH | 8" | .322" | C | D4 | 3 | 481 | / | | | | | | | | | | | | | | | |
| SM535 | | PH/RH | 8" | .322" | C | D4 | 3 | 482 | / | | | | | | | | | | | | | | | |
| SM536 | | PH/RH | 8" | .322" | C | D4 | 3 | 483 | / | | | | | | | | | | | | | | | |
| SM537 | | PH/RH | 8" | .216" | C | D4 | 3 | 484 | / | | | | | | | | | | | | | | | |
| SM538 | | PH/RH | 8" | .216" | C | D4 | 3 | 485 | / | | | | | | | | | | | | | | | |
| SM539 | | PH/RH | 8" | .322" | C | D4 | 3 | 486 | / | | | | | | | | | | | | | | | |
| SM540 | | PH/RH | 8" | .322" | C | D4 | 3 | 487 | / | | | | | | | | | | | | | | | |
| SM541 | | PH/RH | 8" | .216" | C | D4 | 3 | 488 | / | | | | | | | | | | | | | | | |
| SM542 | | PH/RH | 8" | .216" | C | D4 | 3 | 489 | / | | | | | | | | | | | | | | | |



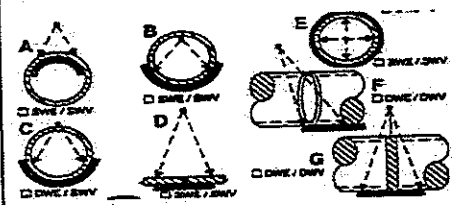
| | | | | | | | | |
|--------------------------------|---|----------|---------------|--------|----|--------|--------------------|--|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | | Total Hours | |
| | | | MILES:200 | 6:30AM | TO | 8:30PM | 14 | |

| | | | |
|------------------------|----------------------|------------------|--|
| Level II Radiographer: | JOSEPH DALY LEVEL II | Client Reviewer: | |
|------------------------|----------------------|------------------|--|

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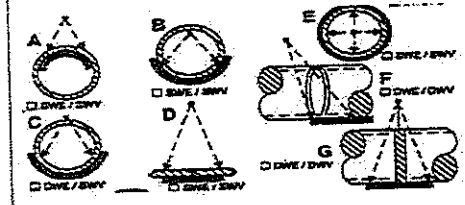
| | | | | | |
|--------------------------------------|--|---------------------------------|--|---|---------------------------|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 6/26/2013 | Page 2 of 4 |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 137 Ci | |
| | | | | KV: N/A MA: N/A | |
| | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> | | Diag: | | Film Load: | | | | | | | | | | | | | | | | |
|-------------------------------|----------|----------------------------------|------------------------|---|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 90, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
| SM563 | | CN/RH/PH | 8" | .322" | C | D4 | 3 | 514 | / | | | | | | | | | | | | | | | |
| SM564 | | CN/RH/GU | 8" | .322" | C | D4 | 3 | 515 | / | | | | | | | | | | | | | | | |
| SM565 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 516 | / | | | | | | | | | | | | | | | |
| SM566 | | CN/RH/CN | 8" | .322" | C | D4 | 3 | 517 | / | | | | | | | | | | | | | | | |
| SM567 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 518 | / | | | | | | | | | | | | | | | |
| SM568 | | CN/RH/GU | 8" | .322" | C | D4 | 3 | 519 | / | | | | | | | | | | | | | | | |
| SM569 | | CN/RH/PH | 8" | .322" | C | D4 | 3 | 520 | / | | | | | | | | | | | | | | | |
| SM570 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 521 | / | | | | | | | | | | | | | | | |
| SM571 | | CN/RH/GU | 8" | .322" | C | D4 | 3 | 522 | / | | | | | | | | | | | | | | | |
| SM572 | | CN/RH/PH | 8" | .322" | C | D4 | 3 | 524 | / | | | | | | | | | | | | | | | |
| SM573 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 525 | / | | | | | | | | | | | | | | | |
| SM574 | | CN/RH/GU | 8" | .322" | C | D4 | 3 | 526 | / | | | | | | | | | | | | | | | |
| SM575 | | CN/RH/PH | 8" | .322" | C | D4 | 3 | 527 | / | | | | | | | | | | | | | | | |
| SM576 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 528 | / | | | | | | | | | | | | | | | |
| SM577 | | CN/RH/GU | 8" | .322" | C | D4 | 3 | 529 | / | | | | | | | | | | | | | | | |
| SM578 | | CN/RH/PH | 8" | .322" | C | D4 | 3 | 530 | / | | | | | | | | | | | | | | | |
| SM579 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 531 | / | | | | | | | | | | | | | | | |
| SM580 | | CN/RH/GU | 8" | .322" | C | D4 | 3 | 532 | / | | | | | | | | | | | | | | | |
| SM581 | | CN/RH/PH | 8" | .322" | C | D4 | 3 | 535 | / | | | | | | | | | | | | | | | |
| SM582 | | CN/RH/SK | 8" | .322" | C | D4 | 3 | 536 | / | | | | | | | | | | | | | | | |



BIC Proj. No.: **BM-13-02549** Client: **SUMMIT** Date: **6/26/2013** Page **1** of **3**
 Client Job: **SUMMIT MIDSTREAM** AFE No.: Project Location: **FORTUNA, ND**
 PROCEDURE: **BIC-RT-API-1104** Weld Proc. No.: Governing Spec.: Accept. Standard: **API 1104 20TH ED**
 PO # **N/A** Radiation Source: **IR-192** Source Strength: **73 Ci** KV: **N/A** MA: **N/A**
 Material: **Carbon Steel** Reinforcement (in.): **125** Focal Spot Size (in.): .05 .16 Diag: Film Load: Single Double

| Weld No. | Prefix | Welder Symbol | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D5101, D5102, D5103) | No. of Film | UPSTREAM JOINT PPS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|----------|----------|---------------|------------------------|----------------------------|-----------|---------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM543 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 489 | / | | | | | | | | | | | | | | | |
| SM544 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 490 | / | | | | | | | | | | | | | | | |
| SM545 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 491 | / | | | | | | | | | | | | | | | |
| SM546 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 492 | / | | | | | | | | | | | | | | | |
| SM547 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 493 | / | | | | | | | | | | | | | | | |
| SM548 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 494 | / | | | | | | | | | | | | | | | |
| SM549 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 495 | / | | | | | | | | | | | | | | | |
| SM550 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 496 | / | | | | | | | | | | | | | | | |
| SM551 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 497 | / | | | | | | | | | | | | | | | |
| SM552 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 498 | / | | | | | | | | | | | | | | | |
| SM553 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 499 | / | | | | | | | | | | | | | | | |
| SM554 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 500 | / | | | | | | | | | | | | | | | |
| SM555 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 501 | / | | | | | | | | | | | | | | | |
| SM556 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 502 | / | | | | | | | | | | | | | | | |
| SM557 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 503 | / | | | | | | | | | | | | | | | |
| SM558 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 504 | / | | | | | | | | | | | | | | | |
| SM559 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 505 | / | | | | | | | | | | | | | | | |
| SM560 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 513 | / | | | | | | | | | | | | | | | |
| SM561 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 515 | / | | | | | | | | | | | | | | | |
| SM562 | CN/RH/BH | | 8" | .322" | C | D5 | 3 | 516 | / | | | | | | | | | | | | | | | |



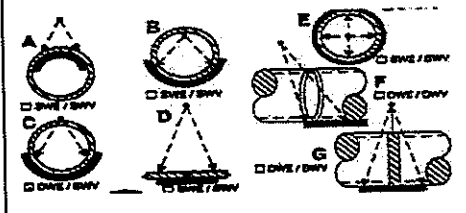
| | | | | | | |
|-------------------------|----------------------------------|---|-----------|-------------|----|--------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 2 | Travel | Total Hours | | |
| 47 | | | MILES:160 | 6:30AM | TO | 9:00PM |
| | | | | | | 14.5 |

Level II Radiographer: **TIM BRELJE** Client Reviewer: *[Signature]*

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| | | | | | | | |
|--------------------------------------|--|----------------------------------|--|--|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 7/5/2013 | | Page 1 of 2 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 118 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (3310,4161,7,60,80,100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM953 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1009 | / | | | | | | | | | | | | | | | |
| SM954 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1010 | / | | | | | | | | | | | | | | | |
| SM955 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1011 | / | | | | | | | | | | | | | | | |
| SM956 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1012 | / | | | | | | | | | | | | | | | |
| SM957 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1013 | / | | | | | | | | | | | | | | | |
| SM958 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1014 | / | | | | | | | | | | | | | | | |
| SM959 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1015 | / | | | | | | | | | | | | | | | |
| SM960 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1016 | / | | | | | | | | | | | | | | | |
| SM961 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1017 | / | | | | | | | | | | | | | | | |
| SM962 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1018 | / | | | | | | | | | | | | | | | |
| SM963 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1019 | / | | | | | | | | | | | | | | | |
| SM964 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1020 | / | | | | | | | | | | | | | | | |
| SM965 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1022 | / | | | | | | | | | | | | | | | |
| SM966 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1023 | / | | | | | | | | | | | | | | | |
| SM967 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1024 | / | | | | | | | | | | | | | | | |
| SM988 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1052 | / | | | | | | | | | | | | | | | |
| SM989 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1053 | / | | | | | | | | | | | | | | | |
| SM990 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1051 | / | | | | | | | | | | | | | | | |
| SM991 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1054 | / | | | | | | | | | | | | | | | |
| SM992 | | CN/PH/BH | 8" | .322" | C | D5 | 3 | 1055 | / | | | | | | | | | | | | | | | |



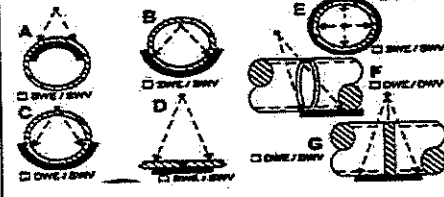
| | | | | | | |
|-------------------------|----------------------------------|---|-----------|------------------|-------------|--|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 2 | Travel | | Total Hours | |
| | | | MILES:160 | 6:15AM TO 8:30PM | 14 HRS | |

Level II Radiographer: Jeffrey Schmandt Client Reviewer:

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| | | | | | | | |
|-------------------------------------|--|----------------------------------|--|--|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 7/5/2013 | | Page 1 of 1 | |
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 138 CI | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D304/D507, 50, 80, 100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (f) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|------|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM968 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | 1025 | |
| SM969 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1026 |
| SM970 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1027 |
| SM971 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1028 |
| SM972 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1029 |
| SM973 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1030 |
| SM974 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1031 |
| SM975 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1032 |
| SM976 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1033 |
| SM977 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1034 |
| SM978 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1035 |
| SM979 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1036 |
| SM980 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1037 |
| SM981 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1038 |
| SM982 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1039 |
| SM983 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1040 |
| SM984 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1041 |
| SM985 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1042 |
| SM986 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1043 |
| SM987 | CN/PH/BH | 8" | .322" | C | D4 | 3 | / | | | | | | | | | | | | | | | | 1044 |



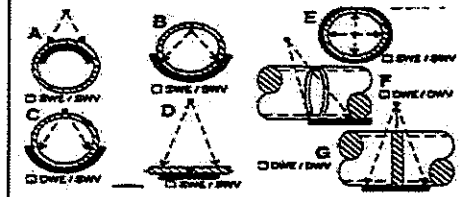
| | | | | | | |
|--------------------------------|---|----------|-----------|--------|----|--------------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | Total Hours |
| | | | MILES:160 | 6:00AM | TO | |

Level II Radiographer: **JOSEPH DALY LEVEL II** Client Reviewer: *[Signature]*

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| | | | | | | | |
|--|--|----------------------------------|--|---|--|---|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 7/10/2013 | | Page 1 of 5 | |
| Client Job : SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 116 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input type="checkbox"/> .12 | | Diag: | |
| Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | |

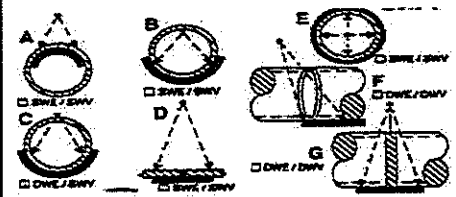
| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type <small>(D5/D7,60,80,100)</small> | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|---|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM1067 | PH | | 8" | .322" | C | D5 | 3 | 1131 | / | | | | | | | | | | | | | | | |
| SM1068 | JM/MV | | 8" | .322" | C | D5 | 3 | 1132 | / | | | | | | | | | | | | | | | |
| SM1069 | PH | | 8" | .322" | C | D5 | 3 | 1133 | / | | | | | | | | | | | | | | | |
| SM1070 | MV | | 8" | .322" | C | D5 | 3 | 1134 | / | | | | | | | | | | | | | | | |
| SM1071 | PH | | 8" | .322" | C | D5 | 3 | 1135 | / | | | | | | | | | | | | | | | |
| SM1072 | MV | | 8" | .322" | C | D5 | 3 | 1136 | / | | | | | | | | | | | | | | | |
| SM1073 | PH | | 8" | .322" | C | D5 | 3 | 1137 | / | | | | | | | | | | | | | | | |
| SM1074 | JM/MV | | 8" | .322" | C | D5 | 3 | 1138 | / | | | | | | | | | | | | | | | |
| SM1075 | PH | | 8" | .322" | C | D5 | 3 | 1139 | / | | | | | | | | | | | | | | | |
| SM1076 | JM/MV | | 8" | .322" | C | D5 | 3 | 1140 | / | | | | | | | | | | | | | | | |
| SM1077 | BH | | 8" | .322" | C | D5 | 3 | 1141 | / | | | | | | | | | | | | | | | |
| SM1078 | PH | | 8" | .322" | C | D5 | 3 | 1142 | / | | | | | | | | | | | | | | | |
| SM1079 | MV | | 8" | .322" | C | D5 | 3 | 1143 | / | | | | | | | | | | | | | | | |
| SM1080 | BH | | 8" | .322" | C | D5 | 3 | 1144 | / | | | | | | | | | | | | | | | |
| SM1081 | PH | | 8" | .322" | C | D5 | 3 | 1145 | / | | | | | | | | | | | | | | | |
| SM1082 | MV | | 8" | .322" | C | D5 | 3 | 1146 | / | | | | | | | | | | | | | | | |
| SM1083 | BH | | 8" | .322" | C | D5 | 3 | 1147 | / | | | | | | | | | | | | | | | |
| SM1084 | PH | | 8" | .322" | C | D5 | 3 | 1148 | / | | | | | | | | | | | | | | | |
| SM1085 | MV | | 8" | .322" | C | D5 | 3 | 1149 | / | | | | | | | | | | | | | | | |
| SM1086 | BH | | 8" | .322" | C | D5 | 3 | 1150 | / | | | | | | | | | | | | | | | |



| | | | | | | | | | |
|--------------------------------|--|---|--|-------------------------|--|--------------------|--|--------------------|--|
| # OF WELDS RADIOGRAPHED | | NUMBER OF RADIOGRAPHIC PERSONNEL | | 3 | | Travel | | Total Hours | |
| 100 | | | | | | MILES:160 | | 13.5 | |
| | | | | | | 6:00AM TO 7:45PM | | | |
| Level II Radiographer: | | Jeffrey Schmanet <i>[Signature]</i> | | Client Reviewer: | | <i>[Signature]</i> | | | |

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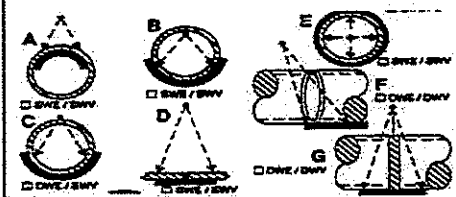
| BIC Proj. No.: <i>BM-13-02549</i> | | | Client: <i>SUMMIT</i> | | | Date: <i>7/10/2013</i> | | | Page 2 of 5 | | | | | | | | | | | | | | | |
|--------------------------------------|----------|----------------------------------|---------------------------------|--|-----------|--------------------------------------|-------------|---|---|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| Client Job : <i>SUMMIT MIDSTREAM</i> | | | AFE No.: | | | Project Location: <i>FORTUNA, ND</i> | | | | | | | | | | | | | | | | | | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | | Weld Proc. No.: | | | Governing Spec.: | | | Accept. Standard: <i>API 1104 20TH ED</i> | | | | | | | | | | | | | | | |
| PO # <i>N/A</i> | | | Radiation Source: <i>IR-192</i> | | | Source Strength: <i>116 CI</i> | | | KV: <i>N/A</i> MA: <i>N/A</i> | | | | | | | | | | | | | | | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | | Diag: | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | | | | | | | | | | | | | | | | |
| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D31D,4D5D7,60,80,100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
| SM1087 | | PH | 8" | .322" | C | D5 | 3 | 1151 | / | | | | | | | | | | | | | | | |
| SM1088 | | MV | 8" | .322" | C | D5 | 3 | 1152 | / | | | | | | | | | | | | | | | |
| SM1089 | | BH | 8" | .322" | C | D5 | 3 | 1153 | / | | | | | | | | | | | | | | | |
| SM1090 | | PH | 8" | .322" | C | D5 | 3 | 1154 | / | | | | | | | | | | | | | | | |
| SM1091 | | MV | 8" | .322" | C | D5 | 3 | 1155 | / | | | | | | | | | | | | | | | |
| SM1092 | | BH | 8" | .322" | C | D5 | 3 | 1156 | / | | | | | | | | | | | | | | | |
| SM1093 | | PH | 8" | .322" | C | D5 | 3 | 1157 | / | | | | | | | | | | | | | | | |
| SM1094 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1158 | / | | | | | | | | | | | | | | | |
| SM1095 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1159 | / | | | | | | | | | | | | | | | |
| SM1096 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1160 | / | | | | | | | | | | | | | | | |
| SM1097 | | JM/MV | 8" | .322" | C | D5 | 3 | 1161 | / | | | | | | | | | | | | | | | |
| SM1098 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1162 | / | | | | | | | | | | | | | | | |
| SM1099 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1163 | / | | | | | | | | | | | | | | | |
| SM1100 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1164 | / | | | | | | | | | | | | | | | |
| SM1101 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1165 | / | | | | | | | | | | | | | | | |
| SM1102 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1166 | / | | | | | | | | | | | | | | | |
| SM1103 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1167 | / | | | | | | | | | | | | | | | |
| SM1104 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1168 | / | | | | | | | | | | | | | | | |
| SM1105 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1169 | / | | | | | | | | | | | | | | | |
| SM1106 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1170 | / | | | | | | | | | | | | | | | |



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|--|---------------------------------|--------------------------------------|---|
| BIC Proj. No.: <i>BM-13-02549</i> | Client: <i>SUMMIT</i> | Date: <i>7/10/2013</i> | Page 3 of 5 |
| Client Job No: <i>SUMMIT MIDSTREAM</i> | AFE No.: | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | Weld Proc. No.: | Governing Spec.: | Accept. Standard: <i>API 1104 20TH ED</i> |
| PO # <i>N/A</i> | Radiation Source: <i>IR-192</i> | Source Strength: <i>116 Ci</i> | KV: <i>N/A</i> MA: <i>N/A</i> |

Material: *Carbon Steel* Reinforcement (in.): *.125* Focal Spot Size (in.): .05 .16 Diag: Film Load: Single Double

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D5/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|-----------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| SM1107 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1171 | / | | | | | | | | | | | | | | | |
| SM1108 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1172 | / | | | | | | | | | | | | | | | |
| SM1109 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1173 | / | | | | | | | | | | | | | | | |
| SM1110 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1174 | / | | | | | | | | | | | | | | | |
| SM1111 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1175 | / | | | | | | | | | | | | | | | |
| SM1112 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1176 | / | | | | | | | | | | | | | | | |
| SM1113 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1177 | / | | | | | | | | | | | | | | | |
| SM1114 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1178 | / | | | | | | | | | | | | | | | |
| SM1115 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1179 | / | | | | | | | | | | | | | | | |
| SM1116 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1180 | / | | | | | | | | | | | | | | | |
| SM1117 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1181 | / | | | | | | | | | | | | | | | |
| SM1118 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1182 | / | | | | | | | | | | | | | | | |
| SM1119 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1183 | / | | | | | | | | | | | | | | | |
| SM1120 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1184 | / | | | | | | | | | | | | | | | |
| SM1121 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1185 | / | | | | | | | | | | | | | | | |
| SM1122 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1186 | / | | | | | | | | | | | | | | | |
| SM1123 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1187 | / | | | | | | | | | | | | | | | |
| SM1124 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1188 | / | | | | | | | | | | | | | | | |
| SM1125 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1189 | / | | | | | | | | | | | | | | | |
| SM1126 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1190 | / | | | | | | | | | | | | | | | |



BIC Proj. No.: *BM-13-02549* Client: *SUMMIT* Date: *7/10/2013* Page 4 of 5

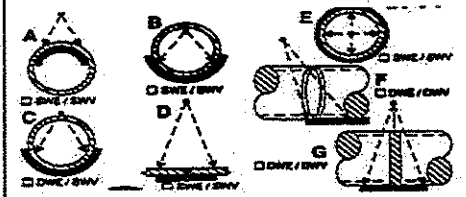
Client Job No: *SUMMIT MIDSTREAM* AFE No.: Project Location: *FORTUNA, ND*

PROCEDURE: *BIC-RT-API-1104* Weld Proc. No.: Governing Spec.: Accept. Standard: *API 1104 20TH ED*

PO # *N/A* Radiation Source: *IR-192* Source Strength: *116 Ci* KV: *N/A* MA: *N/A*

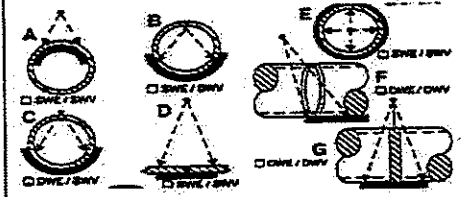
Material: *Carbon Steel* Reinforcement (in.): *.125* Focal Spot Size (in.): .05 .16 Diag: Film Load: Single Double

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D7, 50, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|--------|----------------|------------------------|----------------------------|-----------|--------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM1127 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1191 | / | | | | | | | | | | | | | | | |
| SM1128 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1192 | / | | | | | | | | | | | | | | | |
| SM1129 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1193 | / | | | | | | | | | | | | | | | |
| SM1130 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1194 | / | | | | | | | | | | | | | | | |
| SM1131 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1195 | / | | | | | | | | | | | | | | | |
| SM1132 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1196 | / | | | | | | | | | | | | | | | |
| SM1133 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1197 | / | | | | | | | | | | | | | | | |
| SM1134 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1198 | / | | | | | | | | | | | | | | | |
| SM1135 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1199 | / | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM1137 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1201 | / | | | | | | | | | | | | | | | |
| SM1138 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1202 | / | | | | | | | | | | | | | | | |
| SM1139 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1203 | / | | | | | | | | | | | | | | | |
| SM1140 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1204 | / | | | | | | | | | | | | | | | |
| SM1141 | | JM/MV/PK | 8" | .322" | C | D5 | 3 | 1205 | / | | | | | | | | | | | | | | | |
| SM1142 | | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1206 | / | | | | | | | | | | | | | | | |
| SM1143 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1207 | / | | | | | | | | | | | | | | | |
| SM1144 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1208 | / | | | | | | | | | | | | | | | |
| SM1145 | | JM/MV/RO | 8" | .322" | C | D5 | 3 | 1209 | / | | | | | | | | | | | | | | | |
| SM1146 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1210 | / | | | | | | | | | | | | | | | |
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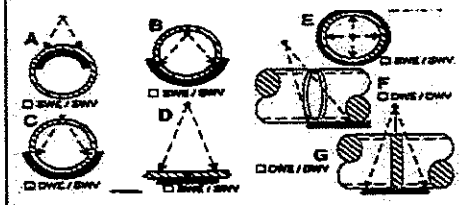
| | | | | | | | |
|--|--|----------------------------------|--|---|--|---|--|
| BIC Proj. No.: <i>BM-13-02549</i> | | Client: <i>SUMMIT</i> | | Date: <i>7/10/2013</i> | | Page <i>5</i> of <i>5</i> | |
| Client Job No: <i>SUMMIT MIDSTREAM</i> | | AFE No.: | | Project Location: <i>FORTUNA, ND</i> | | | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: <i>API 1104 20TH ED</i> | |
| PO # <i>N/A</i> | | Radiation Source: <i>IR-192</i> | | Source Strength: <i>116 Ci</i> | | KV: <i>N/A</i> MA: <i>N/A</i> | |
| Material: <i>Carbon Steel</i> | | Reinforcement (in.): <i>.125</i> | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> Diag: | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D310/D410/D7,60,80,100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SM1147 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1211 | / | | | | | | | | | | | | | | | |
| SM1148 | | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1212 | / | | | | | | | | | | | | | | | |
| SM1159 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1124 | / | | | | | | | | | | | | | | | |
| SM1160 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1125 | / | | | | | | | | | | | | | | | |
| SM1161 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1126 | / | | | | | | | | | | | | | | | |
| SM1162 | | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1127 | / | | | | | | | | | | | | | | | |
| SM1163 | | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1128 | / | | | | | | | | | | | | | | | |
| SM1164 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1129 | / | | | | | | | | | | | | | | | |
| SM1165 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1130 | / | | | | | | | | | | | | | | | |
| SM1166 | | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1131 | / | | | | | | | | | | | | | | | |
| SM1167 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1132 | / | | | | | | | | | | | | | | | |
| SM1168 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1133 | / | | | | | | | | | | | | | | | |
| SM1169 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1134 | / | | | | | | | | | | | | | | | |
| SM1170 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1135 | / | | | | | | | | | | | | | | | |
| SM1171 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1136 | / | | | | | | | | | | | | | | | |
| SM1172 | | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1137 | / | | | | | | | | | | | | | | | |
| SM1173 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1138 | / | | | | | | | | | | | | | | | |
| SM1174 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1139 | / | | | | | | | | | | | | | | | |
| SM1175 | | JM/MV/ROD | 8" | .322" | C | D5 | 3 | 1140 | / | | | | | | | | | | | | | | | |
| SM1176 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1141 | / | | | | | | | | | | | | | | | |
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|-------------------------------------|--|----------------------------------|--|---|--|--|--|
| BIC Proj. No.: BM-13-02549 | | Client: SUMMIT | | Date: 7/11/2013 | | Page 1 of 6 | |
| Client Job: SUMMIT MIDSTREAM | | AFE No.: | | Project Location: FORTUNA, ND | | | |
| PROCEDURE: BIC-RT-API-1104 | | Weld Proc. No.: | | Governing Spec.: | | Accept. Standard: API 1104 20TH ED | |
| PO # N/A | | Radiation Source: IR-192 | | Source Strength: 110 Ci | | KV: N/A MA: N/A | |
| Material: Carbon Steel | | Reinforcement (in.): .125 | | Focal Spot Size (in.): <input type="checkbox"/> .05 <input checked="" type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | | Diag: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| | | | | | | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double | |

| We Id No. | Prefix | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D5/D6/D5/D7, 80, 90, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (I) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM1177 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1243 | / | | | | | | | | | | | | | | | |
| SM1179 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1245 | / | | | | | | | | | | | | | | | |
| SM1180 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1246 | / | | | | | | | | | | | | | | | |
| SM1181 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1247 | / | | | | | | | | | | | | | | | |
| SM1182 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1248 | / | | | | | | | | | | | | | | | |
| SM1183 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1249 | / | | | | | | | | | | | | | | | |
| SM1184 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1250 | / | | | | | | | | | | | | | | | |
| SM1185 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1251 | / | | | | | | | | | | | | | | | |
| SM1186 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1252 | / | | | | | | | | | | | | | | | |
| SM1187 | JM/MV/PH | | 8" | .322" | C | D5 | 3 | 1253 | / | | | | | | | | | | | | | | | |
| SM1188 | JM/MV/BH | | 8" | .322" | C | D5 | 3 | 1254 | / | | | | | | | | | | | | | | | |
| SM1189 | JM/MV/RD | | 8" | .322" | C | D5 | 3 | 1255 | / | | | | | | | | | | | | | | | |
| SM1190 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1256 | / | | | | | | | | | | | | | | | |
| SM1191 | JM/MV/PH | | 8" | .322" | C | D5 | 3 | 1257 | / | | | | | | | | | | | | | | | |
| SM1192 | JM/MV/PH | | 8" | .322" | C | D5 | 3 | 1258 | / | | | | | | | | | | | | | | | |
| SM1193 | JM/MV/RD | | 8" | .322" | C | D5 | 3 | 1259 | / | | | | | | | | | | | | | | | |
| SM1194 | JM/MV/SK | | 8" | .322" | C | D5 | 3 | 1260 | / | | | | | | | | | | | | | | | |
| SM1195 | JM/MV/PH | | 8" | .322" | C | D5 | 3 | 1261 | / | | | | | | | | | | | | | | | |
| SM1196 | JM/MV/BH | | 8" | .322" | C | D5 | 3 | 1262 | / | | | | | | | | | | | | | | | |



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|-------------------------|----------------------------------|---|-----------|--------|-----------|-------------|
| # OF WELDS RADIOGRAPHED | NUMBER OF RADIOGRAPHIC PERSONNEL | 3 | Travel | | | Total Hours |
| | | | MILES:160 | 5:30AM | TO 8:00PM | |

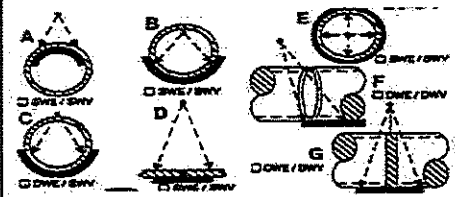
| | |
|--|-------------------------------------|
| Level II Radiographer: <u>Jeffrey Schmandt</u> | Client Reviewer: <u>[Signature]</u> |
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This report is expressly limited to interpretation by Braun Intertec of the results obtained from the test specified and does not constitute a representation, warranty or guaranty of the actual condition of the materials tested. Braun Intertec expressly disclaims responsibility for any loss, cost, damage or expense, including personal injury or death, caused by or attributable to misinterpretation by Braun Intertec of conditions or the performance of any test

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|--------------------------------------|---------------------------------|--------------------------------------|---|
| BIC Proj. No.: <i>BM-13-02549</i> | Client: <i>SUMMIT</i> | Date: <i>7/11/2013</i> | Page 2 of 6 |
| Client Job : <i>SUMMIT MIDSTREAM</i> | AFE No.: | Project Location: <i>FORTUNA, ND</i> | |
| PROCEDURE: <i>BIC-RT-API-1104</i> | Weld Proc. No.: | Governing Spec.: | Accept. Standard: <i>API 1104 20TH ED</i> |
| PO # <i>N/A</i> | Radiation Source: <i>IR-192</i> | Source Strength: <i>110 Ci</i> | KV: <i>N/A</i> MA: <i>N/A</i> |

| | | | | |
|-------------------------------|----------------------------------|--|-------|---|
| Material: <i>Carbon Steel</i> | Reinforcement (in.): <i>.125</i> | Focal Spot Size (in.): <input type="checkbox"/> .05 <input type="checkbox"/> .16 <input checked="" type="checkbox"/> .25 | Diag: | Film Load: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double |
|-------------------------------|----------------------------------|--|-------|---|

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (331P41D5D7,50,80,100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|----------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|
| SM1197 | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1263 | / | | | | | | | | | | | | | | | |
| SM1198 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1264 | / | | | | | | | | | | | | | | | |
| SM1199 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1265 | / | | | | | | | | | | | | | | | |
| SM1200 | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1242 | / | | | | | | | | | | | | | | | |
| SM1201 | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1268 | / | | | | | | | | | | | | | | | |
| SM1202 | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1269 | / | | | | | | | | | | | | | | | |
| SM1203 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1270 | / | | | | | | | | | | | | | | | |
| SM1204 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1271 | / | | | | | | | | | | | | | | | |
| SM1205 | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1272 | / | | | | | | | | | | | | | | | |
| SM1206 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1273 | / | | | | | | | | | | | | | | | |
| SM1207 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1274 | / | | | | | | | | | | | | | | | |
| SM1208 | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1275 | / | | | | | | | | | | | | | | | |
| SM1209 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1276 | / | | | | | | | | | | | | | | | |
| SM1210 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1277 | / | | | | | | | | | | | | | | | |
| SM1211 | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1278 | / | | | | | | | | | | | | | | | |
| SM1212 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1279 | / | | | | | | | | | | | | | | | |
| SM1213 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1280 | / | | | | | | | | | | | | | | | |
| SM1214 | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1281 | / | | | | | | | | | | | | | | | |
| SM1215 | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1282 | / | | | | | | | | | | | | | | | |
| SM1216 | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1283 | / | | | | | | | | | | | | | | | |



BIC Proj. No.: *BM-13-02549* Client: *SUMMIT* Date: *7/11/2013* Page 3 of 6

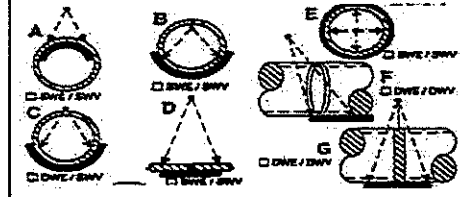
Client Job No: *SUMMIT MIDSTREAM* AFE No.: Project Location: *FORTUNA, ND*

PROCEDURE: *BIC-RT-API-1104* Weld Proc. No.: Governing Spec.: Accept. Standard: *API 1104 20TH ED*

PO # *N/A* Radiation Source: *IR-192* Source Strength: *110 Ci* KV: *N/A* MA: *N/A*

Material: *Carbon Steel* Reinforcement (in.): *.125* Focal Spot Size (in.): .05 .16 Diag: Film Load: Single Double

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|----------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM1217 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1284 | / | | | | | | | | | | | | | | | |
| SM1218 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1285 | / | | | | | | | | | | | | | | | |
| SM1219 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1286 | / | | | | | | | | | | | | | | | |
| SM1220 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1287 | / | | | | | | | | | | | | | | | |
| SM1221 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1288 | / | | | | | | | | | | | | | | | |
| SM1222 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1289 | / | | | | | | | | | | | | | | | |
| SM1223 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1290 | / | | | | | | | | | | | | | | | |
| SM1224 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1291 | / | | | | | | | | | | | | | | | |
| SM1225 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1292 | / | | | | | | | | | | | | | | | |
| SM1226 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1293 | / | | | | | | | | | | | | | | | |
| SM1227 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1294 | / | | | | | | | | | | | | | | | |
| SM1228 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1295 | / | | | | | | | | | | | | | | | |
| SM1229 | | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1296 | / | | | | | | | | | | | | | | | |
| SM1230 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1297 | / | | | | | | | | | | | | | | | |
| SM1231 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1298 | / | | | | | | | | | | | | | | | |
| SM1232 | | JM/MV/MV | 8" | .322" | C | D5 | 3 | 1299 | / | | | | | | | | | | | | | | | |
| SM1233 | | JM/MV/JM | 8" | .322" | C | D5 | 3 | 1300 | / | | | | | | | | | | | | | | | |
| SM1234 | | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1301 | / | | | | | | | | | | | | | | | |
| SM1235 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1302 | / | | | | | | | | | | | | | | | |
| SM1236 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1303 | / | | | | | | | | | | | | | | | |



BIC Proj. No.: *BM-13-02549* Client: *SUMMIT* Date: *7/11/2013* Page 4 of 6

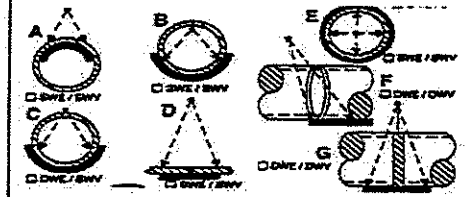
Client Job No: *SUMMIT MIDSTREAM* AFE No.: Project Location: *FORTUNA, ND*

PROCEDURE: *BIC-RT-API-1104* Weld Proc. No.: Governing Spec.: Accept. Standard: *API 1104 20TH ED*

PO # *N/A* Radiation Source: *IR-192* Source Strength: *110 Ci* KV: *N/A* MA: *N/A*

Material: *Carbon Steel* Reinforcement (in.): *.125* Focal Spot Size (in.): .05 .16 Diag: Film Load: Single Double

| We Id No. | Prefix - | Welder Stencil | Pipe Size or SFD (in.) | Pipe/Plate Thickness (in.) | Technique | Film Type (D3/D4/D5/D7, 80, 80, 100) | No. of Film | UPSTREAM JOINT PFS | Accept (/) | Reject (X) | Porosity | Slag or Inclusion | Crack | Incomplete Fusion | Inadequate Penetration | External Undercut | Internal Undercut | Burn Thru | Internal Concavity | High-Low | Film Artifact | Remarks/Comments | | |
|-----------|----------|----------------|------------------------|----------------------------|-----------|--------------------------------------|-------------|--------------------|------------|------------|----------|-------------------|-------|-------------------|------------------------|-------------------|-------------------|-----------|--------------------|----------|---------------|------------------|--|--|
| SM1237 | | JM/MV/MV | 8" | .322" | C | D5 | 3 | 1304 | / | | | | | | | | | | | | | | | |
| SM1238 | | JM/MV/JM | 8" | .322" | C | D5 | 3 | 1305 | / | | | | | | | | | | | | | | | |
| SM1239 | | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1306 | / | | | | | | | | | | | | | | | |
| SM1240 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1307 | / | | | | | | | | | | | | | | | |
| SM1241 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1308 | / | | | | | | | | | | | | | | | |
| SM1242 | | JM/MV/MV | 8" | .322" | C | D5 | 3 | 1309 | / | | | | | | | | | | | | | | | |
| SM1243 | | JM/MV/JM | 8" | .322" | C | D5 | 3 | 1310 | / | | | | | | | | | | | | | | | |
| SM1244 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1311 | / | | | | | | | | | | | | | | | |
| SM1245 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1312 | / | | | | | | | | | | | | | | | |
| SM1246 | | JM/MV/MV | 8" | .322" | C | D5 | 3 | 1313 | / | | | | | | | | | | | | | | | |
| SM1247 | | JM/MV/JM | 8" | .322" | C | D5 | 3 | 1314 | / | | | | | | | | | | | | | | | |
| SM1248 | | JM/MV/BH | 8" | .322" | C | D5 | 3 | 1315 | / | | | | | | | | | | | | | | | |
| SM1249 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1316 | / | | | | | | | | | | | | | | | |
| SM1250 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1317 | / | | | | | | | | | | | | | | | |
| SM1251 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1318 | / | | | | | | | | | | | | | | | |
| SM1252 | | JM/MV/RD | 8" | .322" | C | D5 | 3 | 1319 | / | | | | | | | | | | | | | | | |
| SM1253 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1320 | / | | | | | | | | | | | | | | | |
| SM1254 | | JM/MV/PH | 8" | .322" | C | D5 | 3 | 1321 | / | | | | | | | | | | | | | | | |
| SM1255 | | JM/MV/RO | 8" | .322" | C | D5 | 3 | 1322 | / | | | | | | | | | | | | | | | |
| SM1256 | | JM/MV/SK | 8" | .322" | C | D5 | 3 | 1323 | / | | | | | | | | | | | | | | | |



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