

Summary of Inspection Document - Crane 1

| Designation | Sheet Title | # of Welds | # of Sheets | VT Only Area | MT/UT/BT | Bolt Insp. | Weld Insp. | Weld L >2' | Weld L <2' | Inspector | Completed? |
|-------------|------------------------------------|------------|-------------|--------------|----------|------------|------------|------------|------------|-----------|------------|
| 0-1 | BOOM HINGE | 8 | 2 | 0 | 8 | 4 | 4 | 0 | 4 | | |
| 0-2 | SHAFTS OF FORESTAY | 18 | 1 | 0 | 18 | 0 | 18 | 0 | 18 | | |
| 0-3 | TG TO WS TGSB | 14 | 2 | 0 | 14 | 0 | 14 | 10 | 4 | | |
| 0-4 | TG TO LS TGSB | 14 | 2 | 0 | 14 | 0 | 14 | 10 | 4 | | |
| 0-5 | UPPER DIAGONAL TO WS TGSB | 7 | 2 | 1 | 6 | 0 | 6 | 6 | 0 | | |
| 0-6 | UPPER HORIZONTAL TO WS APEX | 5 | 2 | 1 | 4 | 0 | 4 | 4 | 0 | | |
| 0-7 | APEX BEAM TO BOOM LATCH | 2 | 2 | 1 | 1 | 0 | 1 | 0 | 1 | | |
| 0-8 | APEX LEG TO WS TGSB | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | | |
| 0-9 | WS LEG TO TGSB | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | | |
| 0-10 | LS LEG TO TGSB | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | | |
| 0-11 | WS LEG TO SILL BEAM | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | | |
| 0-12 | LS LEG TO SILL BEAM | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | | |
| 0-13 | LOWER DIAGONAL TO PORTAL BEAM | 3 | 2 | 1 | 2 | 0 | 2 | 0 | 2 | | |
| 0-14 | LOWER DIAGONAL TO WS LEG | 9 | 2 | 1 | 8 | 0 | 8 | 0 | 8 | | |
| 0-15 | LOWER DIAGONAL TO LS LEG | 9 | 2 | 1 | 8 | 0 | 8 | 0 | 8 | | |
| 0-16 | GIRDER HINGE | 5 | 2 | 0 | 5 | 0 | 5 | 0 | 5 | | |
| 0-17 | HORIZONTAL DIAGONAL TO LS TGSB | 3 | 2 | 1 | 2 | 0 | 2 | 2 | 0 | | |
| 0-18 | HORIZONTAL DIAGONAL TO WS TGSB | 3 | 2 | 1 | 2 | 0 | 2 | 2 | 0 | | |
| 0-19 | UPPER DIAGONAL TO LS APEX BEAM | 10 | 2 | 2 | 8 | 0 | 8 | 4 | 4 | | |
| 0-20 | APEX LEG TO LS TGSB | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | | |
| 0-21 | SHAFTS OF BACKSTAY SYSTEM | 16 | 1 | 0 | 16 | 0 | 16 | 0 | 16 | | |
| 1-0 | FORESTAY BAR SYSTEM | | | | | | | | | | |
| 1-1 | DRAWBAR 1-1 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |
| 1-2 | TIE PLATE 1-2 INSPECTION LOCATIONS | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | | |
| 1-3 | DRAWBAR 1-3 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |
| 1-4 | DRAWBAR 1-4 INSPECTION LOCATIONS | 9 | 2 | 3 | 6 | 0 | 6 | 0 | 6 | | |
| 1-5 | DRAWBAR 1-5 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |
| 1-6 | TIE PLATE 1-6 INSPECTION LOCATIONS | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | | |
| 1-7 | DRAWBAR 1-7 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |
| 2-0 | BOOM | | | | | | | | | | |
| 2-1 | FIRST BOOM CROSSTIE | 15 | 2 | 6 | 9 | 0 | 9 | 4 | 5 | | |
| 2-2 | FORESTAY GUIDES TYP. | 5 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | | |
| 2-3 | TYPICAL BOOM CROSS SECTION | 9 | 2 | 0 | 9 | 0 | 9 | 9 | 0 | | |
| 2-4 | BOOM LATCH GUIDE | 7 | 2 | 6 | 1 | 0 | 1 | 1 | 0 | | |
| 2-5 | SECOND BOOM CROSSTIE | 11 | 2 | 7 | 4 | 0 | 4 | 4 | 0 | | |
| 2-6 | SECOND BOOM CROSSTIE REEVING | 6 | 2 | 0 | 6 | 0 | 6 | 2 | 4 | | |
| 2-7 | END BEAM OF BOOM | 10 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | | |
| 2-8 | THIRD BOOM CROSSTIE | 11 | 2 | 7 | 4 | 0 | 4 | 4 | 0 | | |
| 2-9 | THIRD BOOM CROSSTIE REEVING | 8 | 2 | 0 | 8 | 0 | 8 | 4 | 4 | | |
| 3-0 | LANDSIDE SILL BEAM | | | | | | | | | | |
| 3-1 | LANDSIDE SILL BEAM AT LANDSIDE LEG | 9 | 2 | 4 | 5 | 0 | 5 | 5 | 0 | | |
| 3-2 | TYPICAL LANDSIDE SILL BEAM SECTION | 8 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | | |
| 3-3 | LANDSIDE SILL BEAM AT GANTRY | 4 | 2 | 0 | 4 | 0 | 4 | 3 | 1 | | |

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| 3-4 | LANDSIDE STOW PIN | 14 | 1 | 4 | 10 | 1 | 9 | 8 | 1 | | |
| 4-0 | END GIRDER | | | | | | | | | | |
| 4-1 | END GIRDER CROSSTIE BEAM 1 | 11 | 2 | 9 | 2 | 0 | 2 | 0 | 2 | | |
| 4-2 | END GIRDER DIAGONAL BRACE CONNECTORS | 10 | 2 | 4 | 6 | 0 | 6 | 0 | 6 | | |
| 4-3 | END GIRDER CROSSTIE BEAM 2 | 13 | 2 | 9 | 4 | 0 | 4 | 2 | 2 | | |
| 4-4 | END GIRDER CROSSTIE BEAM 3 | 12 | 2 | 8 | 4 | 0 | 4 | 2 | 2 | | |
| 4-5 | TYPICAL END GIRDER CROSS SECTION | 9 | 2 | 0 | 9 | 0 | 9 | 6 | 3 | | |
| 4-6 | END GIRDER END BEAM ATTACHMENTS | 3 | 2 | 0 | 3 | 0 | 3 | 0 | 3 | | |
| 4-7 | END GIRDER END BEAM | 13 | 2 | 13 | 0 | 0 | 0 | 0 | 0 | | |
| 5-0 | MIDDLE GIRDER | | | | | | | | | | |
| 5-1 | MIDDLE GIRDER AT BOOM HINGE | 7 | 2 | 2 | 5 | 0 | 5 | 2 | 3 | | |
| 5-2 | MIDDLE GIRDER WS DIAGONAL CONNECTORS | 12 | 2 | 8 | 4 | 0 | 4 | 0 | 4 | | |
| 5-3 | TYPICAL MIDDLE GIRDER SECTION | 9 | 2 | 1 | 8 | 0 | 8 | 5 | 3 | | |
| 5-4 | MIDDLE GIRDER LS DIAGONAL CONNECTORS | 3 | 2 | 0 | 3 | 0 | 3 | 1 | 2 | | |
| 5-5 | MIDDLE GIRDER AT END GIRDER HINGE | 4 | 2 | 0 | 4 | 0 | 4 | 2 | 2 | | |
| 6-0 | WS APEX BEAM | | | | | | | | | | |
| 6-1 | WS APEX FORESTAY AND DIAGONAL PLATES | 8 | 2 | 2 | 6 | 0 | 6 | 4 | 2 | | |
| 6-2 | WS APEX BEAM ROPE REEVING | 12 | 2 | 4 | 8 | 0 | 8 | 0 | 8 | | |
| 6-3 | WS APEX BEAM BOOM LATCH | 8 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | | |
| 6-4 | TYPICAL WS APEX CROSS SECTION | 4 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | | |
| 7-0 | WS TROLLEY GIRDER SUPPORT BEAM | | | | | | | | | | |
| 7-1 | WS TGSB AT APEX LEG AND WS LEG | 8 | 2 | 0 | 8 | 0 | 8 | 8 | 0 | | |
| 7-2 | WS TGSB AT WS TGSB | 8 | 2 | 3 | 5 | 0 | 5 | 3 | 2 | | |
| 7-3 | TYPICAL WS TGSB CROSS SECTION | 8 | 1 | 0 | 8 | 0 | 8 | 4 | 4 | | |
| 8-0 | LS TROLLEY GIRDER SUPPORT BEAM | | | | | | | | | | |
| 8-1 | LS TGSB AT APEX LEG AND WS LEG | 8 | 2 | 0 | 8 | 0 | 8 | 8 | 0 | | |
| 8-2 | LS TGSB AT WS TGSB | 6 | 2 | 2 | 4 | 0 | 4 | 4 | 0 | | |
| 8-3 | TYPICAL LS TGSB CROSS SECTION | 8 | 1 | 0 | 8 | 0 | 8 | 4 | 4 | | |
| 9-0 | WATERSIDE LEGS | | | | | | | | | | |
| 9-1 | WATERSIDE LEG AT WS TGSB | 9 | 2 | 4 | 5 | 0 | 5 | 5 | 0 | | |
| 9-2 | TYPICAL WATERSIDE LEG CROSS SECTION | 8 | 2 | 0 | 8 | 0 | 8 | 4 | 4 | | |
| 9-3 | WATERSIDE LEG DIAGONAL CONNECTOR | 6 | 2 | 0 | 6 | 0 | 6 | 3 | 3 | | |
| 10-0 | LANDSIDE LEGS | | | | | | | | | | |
| 10-1 | LANDSIDE LEG AT LS TGSB | 9 | 2 | 4 | 5 | 0 | 5 | 5 | 0 | | |
| 10-2 | TYPICAL LANDSIDE LEG CROSS SECTION | 8 | 2 | 0 | 8 | 0 | 8 | 4 | 4 | | |
| 10-3 | LANDSIDE LEG DIAGONAL CONNECTOR | 6 | 2 | 0 | 6 | 0 | 6 | 3 | 3 | | |
| 11-0 | PORTAL BEAM | | | | | | | | | | |
| 11-1 | TYPICAL PORTAL BEAM CROSS SECTION | 8 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | | |
| 11-2 | PORTAL BEAM DIAGONAL CONNECTOR | 3 | 2 | 0 | 3 | 0 | 3 | 3 | 0 | | |
| 12-0 | WATERSIDE SILL BEAM | | | | | | | | | | |
| 12-1 | WATERSIDE SILL BEAM AT WS LEG | 9 | 2 | 5 | 4 | 0 | 4 | 4 | 0 | | |
| 12-2 | TYPICAL WATERSIDE SILL BEAM CROSS SECTION | 8 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | | |
| 12-3 | WATERSIDE SILL BEAM AT GANTRY | 4 | 2 | 0 | 4 | 0 | 4 | 3 | 1 | | |
| 12-4 | WATERSIDE STOW PIN | 14 | 1 | 4 | 10 | 1 | 9 | 8 | 1 | | |
| 13-0 | BACKSTAY BAR SYSTEM | | | | | | | | | | |
| 13-1 | DRAWBAR 13-1 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |

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| 13-2 | TIE PLATE 13-2 INSPECTION LOCATIONS | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | | |
| 13-3 | DRAWBAR 13-3 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |
| 13-4 | DRAWBAR 13-4 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |
| 13-5 | TIE PLATE 13-5 INSPECTION LOCATIONS | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | | |
| 13-6 | DRAWBAR 13-6 INSPECTION LOCATIONS | 5 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | | |
| 14-0 | GANTRY STRUCTURE | | | | | | | | | | |
| 14-1 | MAIN EQUALIZER | 7 | 4 | 0 | 7 | 0 | 7 | 7 | 0 | | |
| 14-2 | MAIN EQUALIZER PIN | 12 | 1 | 4 | 8 | 4 | 4 | 0 | 4 | | |
| 14-3 | SECONDARY EQUALIZER | 7 | 8 | 0 | 7 | 0 | 7 | 6 | 1 | | |
| 14-4 | SECONDARY EQUALIZER PIN | 16 | 1 | 8 | 8 | 0 | 8 | 0 | 8 | | |
| 14-5 | BOGIE | 32 | 1 | 32 | 0 | 0 | 0 | 0 | 0 | | |
| 14-6 | BOGIE PIN | 32 | 1 | 16 | 16 | 0 | 16 | 0 | 16 | | |
| 14-7 | WHEEL SHAFTS | 32 | 1 | 32 | 0 | 0 | 0 | 0 | 0 | | |
| 15-0 | TROLLEY STRUCTURE | | | | | | | | | | |
| 15-1 | TROLLEY STRUCTURE LS END STRUCTURE | 6 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | | |
| 15-2 | TROLLEY STRUCTURE WHL SUPPORT SECTION | 2 | 4 | 0 | 2 | 0 | 2 | 0 | 2 | | |
| 15-3 | TROLLEY STRUCTURE WS AND LS STOPS | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | | |
| 15-4 | TROLLEY STRUCTURE SPREADER BEAMS | 4 | 2 | 0 | 4 | 0 | 4 | 4 | 0 | | |
| 15-5 | TROLLEY STRUCTURE BEAM CONNECTIONS | 7 | 2 | 5 | 2 | 0 | 2 | 2 | 0 | | |
| 15-6 | TROLLEY STRUCTURE CAB SUPPORT | 16 | 2 | 10 | 6 | 1 | 5 | 2 | 3 | | |
| 15-7 | TROLLEY STRUCTURE DIAGONALS | 4 | 2 | 1 | 3 | 0 | 3 | 0 | 3 | | |
| 16-0 | MACHINERY FRAME | | | | | | | | | | |
| 16-1 | MACHINERY FRAME BOLTED CONNECTIONS | 16 | 1 | 8 | 8 | 8 | 0 | 0 | 0 | | |
| 16-2 | MACHINERY FRAME PERIMETER BEAMS | 5 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | | |
| 16-3 | MACHINERY FRAME INTERIOR BEAMS | 5 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | | |
| 16-4 | MACHINERY FRAME WIRE ROPE SUPPORT | 8 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | | |
| 17-0 | LS APEX BEAM | | | | | | | | | | |
| 17-1 | LS APEX BACKSTAY AND DIAGONAL PLATES | 12 | 2 | 2 | 10 | 0 | 10 | 6 | 4 | | |
| 17-2 | TYPICAL LS APEX BEAM CROSS SECTION | 4 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | | |

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| | | | VT ONLY | MT/UT/BT | BT | WELD INSP | APPROX > 2' | APPROX < 2' | |
| TOTAL INSPECTION LINE ITEMS | 1498 | | 622 | 876 | | 28 | 848 | 454 | 394 |
| | | | 42% | 58% | | | | | |