MIS I RAS
A World of NDT Solutions
3985 Teal CT.
Benicia, CA. 94510
Phone 707/ 746-5870, Fax 707/ 746-8664

Page 1 Of 6

Date: 10/30/2011
Job No: 110L329
P.O. No:
Traveler:
Service Code:

# CERTIFICATE OF INSPECTION

Customer: JVI
Street Address: Chevron Refinery
City: RICHMOND State: CA Zip:
Location: CUSA
Contact: Royce
Project: F1550

| Specification/Code: | Procedure: | Acceptance Criteria: |
|---|---|---|
| ASME SECT. V | 100-PMI-001 | B31.3 Normal |

Additional Information: ANALYZER CHEVRON PMI

| Item No. | PART DESCRIPTION OF MATERIAL | MILL CERT No. | Heat No. | COMPONENT ANALYSIS | | DETAILED ELEMENT ANALYSIS | | | | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MATL SPECIFIED | MATL ACTUAL | UNS No. | FERRITE | NI | MO | FE | CR | MN | ACC | REJ |
| 1 | 1147 Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 2 | 1146 Pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| 3 | 1145 Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| 4 | 1144 Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 5 | 1143 Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 6 | 1142 Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 7 | 1141 pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | elbow | | | 5CR | 5CR | | | | | | | | ✓ | |

0418-006-007

☑ Attached Documentation:

Technician & Date: 11/1/2011 Level II Customer: Observer/Mgt. Review:

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Date: 10/31/2011
Job No: 104329
P.O. No:
Traveler:
Service Code:

# CERTIFICATE OF INSPECTION

Customer:
Street Address:
City: RICHMOND State: CA Zip:
Location: CUSA
Contact:
Project: F 1550

| Specification/Code: | Procedure: | Acceptance Criteria: |
|---|---|---|
| ASME SECT. V | 100-PMI-001 | |

Additional Information: ANALYZER CHEVRON PMI

| Item No. | PART DESCRIPTION OF MATERIAL | MILL CERT No. | Heat No. | COMPONENT ANALYSIS | | DETAILED ELEMENT ANALYSIS | | | | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MATL SPECIFIED | MATL ACTUAL | UNS No. | FERRITE | NI | MO | FE | CR | MN | ACC | REJ |
| 8 | 1140 pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| 9 | 1139 Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | Weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 10 | 1134 pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 11 | 1133 pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 12 | 1138 pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| 13 | 1167 elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | pipe | | | 5CR | 5CR | | | | | | | | ✓ | |
| 14 | 1168 elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | 5CR | 5CR | | | | | | | | ✓ | |
| | pipe | | | 5CR | 5CR | | | | | | | | ✓ | |

0418-006-007

☑ Attached Documentation:

Technician & Date: 11/1/2011 Level Customer: Observer/Mgt. Review:

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Page 3 Of 6

Date: 10/31/2011
Job No: 1104329
P.O. No:
Traveler:
Service Code:

# CERTIFICATE OF INSPECTION

Customer:
Street Address:
City: RICHMOND State: CA Zip:
Location: CUSA
Contact:
Project: F1550

| Specification/Code: | Procedure: | Acceptance Criteria: |
|---|---|---|
| ASME SECT. V | 100-PMI-001 | |

Additional Information: ANALYZER CHEVRON PMI

| Item No. | PART DESCRIPTION OF MATERIAL | MILL CERT No. | Heat No. | COMPONENT ANALYSIS | | DETAILED ELEMENT ANALYSIS | | | | | | | RESULTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MATL SPECIFIED | MATL ACTUAL | UNS No. | FERRITE | NI | MO | FE | CR | MN | ACC | REJ |
| 15 | 1131 Elbow | | | 5CR | 5CR | | | | | | | | ✓ | |
| | weld | | | | | | | | | | | | ✓ | |
| | pipe | | | | | | | | | | | | ✓ | |
| 16 | 1132 Elbow | | | | | | | | | | | | ✓ | |
| | weld | | | | | | | | | | | | ✓ | |
| | pipe | | | | | | | | | | | | ✓ | |
| 17 | 1169 pipe | | | | | | | | | | | | ✓ | |
| | weld | | | | | | | | | | | | ✓ | |
| | pipe | | | | | | | | | | | | ✓ | |
| 18 | 1132 Elbow | | | | | | | | | | | | ✓ | |
| | weld | | | | | | | | | | | | ✓ | |
| | pipe | | | | | | | | | | | | ✓ | |
| 19 | 1135 Elbow | | | | | | | | | | | | ✓ | |
| | weld | | | | | | | | | | | | ✓ | |
| | pipe | | | | | | | | | | | | ✓ | |
| 20 | 1136 pipe | | | | | | | | | | | | ✓ | |
| | weld | | | | | | | | | | | | ✓ | |
| | elbow | | | | | | | | | | | | ✓ | |
| 21 | 1137 pipe | | | | | | | | | | | | ✓ | |
| | weld | | | | | | | | | | | | ✓ | |
| | elbow | | | 5CR | 5CR | | | | | | | | ✓ | |

0418-006-007

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Technician & Date: 11/1/2011 Level Customer: Observer/Mgt. Review:

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