

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Vallejo, CA 94592-1133
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010575**Date Inspected:** 14-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

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|------------------------------------|-------------------------------|-----------|------------|----------------------------------|------------------|-----------|------------|
| CWI Name: | Gong Liang Zhu, An Qin Xiang. | | | CWI Present: | Yes | No | |
| Inspected CWI report: | Yes | No | N/A | Rod Oven in Use: | Yes | No | N/A |
| Electrode to specification: | Yes | No | N/A | Weld Procedures Followed: | Yes | No | N/A |
| Qualified Welders: | Yes | No | N/A | Verified Joint Fit-up: | Yes | No | N/A |
| Approved Drawings: | Yes | No | N/A | Approved WPS: | Yes | No | N/A |
| | | | | Delayed / Cancelled: | Yes | No | N/A |
| Bridge No: | 34-0006 | | | Component: | Tower Components | | |

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Amit K. Juvekar, was present during the times noted above for observations relative to the work being performed.

This QA Inspector carried out NDE on following

Bay 10, Tower Struts Splice Plates.

This QA inspector performs Random Ultrasonic Testing (UT) of approximately 10% area previously tested and accepted by ZPMC Quality Control personnel., FOR GREEN TAG. This QA Inspector generated an UT report (TL-6027) for this date. The members are identified as

- 1) ED1-A5001-7-1A/B.
- 2) ED1-A5001-8-1A/B.
- 3) ND1-A5002-18-1A/B.
- 4) ND1-A5012-11-1A/B.
- 5) ND1-A5002-25-1A/B.
- 6) ND1-A5002-28-1A/B.
- 7) ND1-A5012-33-1A/B.
- 8) ND1-A5012-16-1A/B.
- 9) ND1-A5002-12-1A/B.

Bay 10, West Tower, Strut.

This QA inspector performs Random Ultrasonic Testing (UT) of approximately 10% area previously tested and accepted by ZPMC Quality Control personnel., FOR GREEN TAG. This QA Inspector generated an UT

WELDING INSPECTION REPORT

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report(TL-6027) for this date. The members are identified as WD1-A6003-3.

GREEN TAG # 9293.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 13482570045, who represents the Office of Structural Materials for your project.

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| Inspected By: | Juvekar,Amit | Quality Assurance Inspector |
| Reviewed By: | Clifford,William | QA Reviewer |
