

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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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-009164**Date Inspected:** 10-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Lv Li Qing / Shen Fu You**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:** OBG Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Tim McClendon was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

6BW

This QA Inspector performed a random preliminary MT inspection of the welding performed in the OBG Assembly Bay on the internal structure of this segment. ZPMC performed MT inspection previously on this segment. One rejectable linear indication was found on weld 005 on CSD 3 PP 41 / 43. an incident report was written on this issue.

The Welds that were MT inspected on this date are as follows:

Welds 003, 004, 041 ~ 052, 099~ 104, 107 ~ 117, 124 on SSD 9 PP 41

Welds 017 ~ 028 on SSD 30D PP 41.5

Welds 003, 004, 041 ~ 052, 099~ 104, 107 ~ 117, 124 on SSD 9 PP 42

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Welds 017 ~ 028 on SSD 30D PP 42.5

Welds 003, 004, 041 ~ 052, 099~ 104, 107 ~ 117, 124 on SSD 9 PP 43

Welds 008, 021, 022, 033, 034, 045, 046, 057, 058 on CA 027

Welds 011, 012, 029 ~034 on CSD 2 PP 41.5 / 42.5

Welds 103 ~112 on CSD 9 PP 42

Welds 001 ~ 010 Linear ind. weld 005 on CSD 3 PP 41 / 43

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

Summary of Conversations:

No relevant conversations spoken on this date.

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 Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	McClendon, Timothy	Quality Assurance Inspector
Reviewed By:	Patterson, Rodney	QA Reviewer
