

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-015947**Date Inspected:** 24-Jul-2010**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:** Li Yang**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 Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Dan Hernandez was present during the times noted above to observe the fit up, welding and related activities associated with the fabrication of the San Francisco Oakland Bay Self Anchored Suspension Bridge at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

Heavy Dock

Lift 8 East

This QA Inspector measured bolt hole edge distance to cope hole edge on One Hundred and Seventy Six (176) X37C plates attached to the X37A stiffeners that are installed at the following locations:

Lift 8 East

Panel Points (crossbeam side)

65.25

65.75

66.25

66.75

67.25

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

67.75
68.25
68.75
69.25
69.75
70.25
70.75

(Bike path side)

61.25
61.75
62.25
62.75
63.25
63.75
64.25
64.75
65.25
65.75
66.25
66.75
67.25
67.75
68.25
68.75
69.25
69.75
70.25
70.75

Lift 7 East

Panel points (crossbeam and bike path side)

47.25
47.75
48.25
48.75
49.25
49.75
50.25
50.75
51.25

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

51.75
52.25
52.75
53.25
53.75
54.25
54.75
55.25
56.75
56.25
57.75
58.25
58.75
59.25
59.75
60.25
60.75

Two (2) X37C plates at each panel point

Data was submitted to SMR Eric Tsang for further evaluation.

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 Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Peterson,Art	QA Reviewer
