

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-004196**Date Inspected:** 14-Oct-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****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:**

This report serves to document the events occurring on this date at the following location. Caltrans Quality Assurance (QA) Inspector Robert Vatcher arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China, for the purpose of monitoring welding and fabrication of the San Francisco / Oakland Bay Bridge (SFOBB) components. The QA Inspector observed the following:

OBG Assembly Bay II

QA Inspector Robert Vatcher, assigned to the ZPMC, ABF, Caltrans group tagging team performed the review of numerous QC and QA documents in an effort to facilitate & commence with the group tagging of the OBG assembly segments.

Caltrans QA, Vatcher, completed the review of the supporting QC and QA documentation related to the deck panels and longitudinal diaphragms. The documentation was found to be complete and in order for AB/F green tagging purposes.

QA was tasked with green tagging deck panels with AB/ F representative Kevin Dye. QA noted upon arrival that the deck panels were in an elevated position and no safe access was given to any personnel. QA mentioned this to Mr. Dye that QA could not climb upon the deck panels that were atop segment 5CW. Mr. Dye replied that the deck panels in question were not ready visually anyway. QA was also tasked with further informal green tagging of longitudinal diaphragms (LD) previously inspected by this inspector by VT & MT methods. Mr. Dye mentioned that because he did not have a Sharpie magic marker that he could not tag the LD's. QA offered Mr. Dye to fill out

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

the paper work initially however Mr. Dye declined and said that tagging on Thursday afternoon would suffice.

Summary of Conversations:

No relevant conversations 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 Ady Velasco 138-1694-2685, who represents the Office of Structural Materials for your project.

Inspected By:	Vatcher,Robert	Quality Assurance Inspector
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Reviewed By:	Cuellar,Robert	QA Reviewer
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