

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: 13.9/14.3,0.0/1.6File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000857**Date Inspected:** 15-Nov-2007**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:** Cui Ri Yu**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 Mock-up shop**Summary of Items Observed:**

CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present for the fabrication scheduled for this project at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

Item Description	WBS	Dwg No.	Status
1 OBG Mock-up flatness and straightness verifications			
The QA inspector performed random flatness and straightness verifications on the OBG Mock-up with the QA inspector Larry Viars after ZPMC welded the long deck panel to the U-ribs (approximately length of the U-ribs 13158 mm) and for the short deck panel to the U-ribs (approximately length of the U-ribs 1750 mm). The QA inspector found that the transverse deck and the longitudinal deck plate flatness appeared to be in general compliance with the contract documents.			

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Summary of Conversations:

After Caltrans flatness and straightness verifications was completed, the QA inspector had a conversation with the ABF representative Peter Ferguson. Mr. Peter Ferguson relayed to the QA inspector that ZPMC planned to turn outside down the deck panel for Caltrans visual weld inspection. The QA inspector had a conversation at the end of the shift with Task Leader Robert Cuellar. The QA inspector relayed to Mr. Robert Cuellar that the OBG Mock-up deck panel were ready for Caltrans visual weld examination.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Acuna, Alfredo

Quality Assurance Inspector

Reviewed By: Cuellar, Robert

QA Reviewer