

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021306**Date Inspected:** 02-Mar-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Bao Qian**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**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector, Mr. Paul Dawson, 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. This QA Inspector observed the following:

OBG Bay 14

Segments 13 East and 13 West

This QA Inspector performed random document review of "Team China request for information (TC-RFI)" document #TC-RFI-0005R1. This RFI addresses OBG 13E and 13W diaphragm fit lugs near panel point 119 on segments 13 East and 13 West. This QA Inspector performed random visual inspections of the welds listed in the RFI and observed ZPMC appears to have completed installation of fit lugs on the East segment assemblies and have not completed welding or installation of fit lugs on the West segment assemblies. The following sub assemblies were included in this inspection: West line: SA3167A, B, SA3177A, B, SA3178A, B, SA3179A, B, SA3180A, B, SA3181A, B, SA3158A, B; East line: SA3014A, B, SA3092A, B, SA3015A, B, SA3016A, B, SA3017A, B, and SA3018A, B. This QA Inspector took random photographs of the welds and copies of the photographs have been placed in "TC-RFI Documentation" folder located on Team China common Z drive along with a summary of the locations where fit lugs have been installed.

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Summary of Conversations:

See Above.

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 James Devey +8615000026784, who represents the Office of Structural Materials for your project.

Inspected By: Dawson,Paul

Quality Assurance Inspector

Reviewed By: Riley,Ken

QA Reviewer