

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 #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000054**Date Inspected:** 30-Apr-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Arbin Huang**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** NA**Bridge No:** 34-0006**Component:** NA**Bid Item:** NA**Lot No:** NA**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector, Mike Hasler was present to observe quality control functions related to welding, testing and fabrication procedures at the Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

At 1330 hours, Caltrans QA Inspector observed ZPMC performing fit up and welding of American Bridge/Fluor (ABF) mockups, designated as elevation 77.000 (diaphragm 3B), elevation 89.000 (diaphragm 1A & 1B), elevation 114.000 (tower splice) and rib assembly.

Caltrans QA observed fitup, welding of tower subassemblies for the following ABF mockups as identified above. Caltrans QA observed approximately seventy (70) ZPMC shop personnel performing fitup and welding on elevation 77.000 (diaphragm 3B), elevation 89.000 (diaphragm 1A & 1B), elevation 114.000 (tower splice) at the ZPMC OBG workshop.

Caltrans QA observed twenty-five (25) ZPMC shop personnel fitup and preparation welding of the ribs to deck plate at the other ZPMC OBG workshop.

Caltrans QA observed ZPMC, ABF, Inspectech and Bureau Veritas inspectors performing observations and inspections.

SOURCE INSPECTION REPORT

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Summary of Conversations:

See Task Leader journal for this week.

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: Hasler, Mike

Quality Assurance Inspector

Reviewed By: McClary, David

QA Reviewer