

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-000044**Date Inspected:** 20-Apr-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Song Wei min**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:** 52, 55**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 1000 hour, Caltrans QA Inspector and Caltrans Structural Materials Representative, Mr. Patrick Pich observed ZPMC performing fit up and welding of American Bridge/Fluor (ABF) mockups, designated as elevation 77.000 (diaphragm 3B), 89.000 (diaphragm 2C) and 114.000 (tower splice). Caltrans QA observed that three (3) workers performing post weld grinding and cleaning of assembly, designated as elevation 77.000 mockup, six (6) fitter/welders performing fitup and welding of assembly designated as elevation 89.000 mockup, and ten (10) fitter/welders performing fitup and welding of assembly designated as elevation 114.000 mockup. Caltrans QA also observed rib panel mockup in process at the adjacent workshop building. Caltrans QA observed ZPMC quality control inspectors and ABF quality control, Inspectech and Bureau Veritas inspectors performing observations and inspections.

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.

SOURCE INSPECTION REPORT

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Inspected By:	Hasler, Mike	Quality Assurance Inspector
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Reviewed By:	McClary, David	QA Reviewer
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