

**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-003494**Date Inspected:** 23-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Sun Wei**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/Tower**Summary of Items Observed:**

The Caltrans Quality Assurance (QA) Inspector Roscoe Dixon was present at the time requested to randomly observe welding and associated operations being performed for the Orthotropic Box Girders (OBG).

**Bay 3 – Heavy Duty Machinery Shop**

The QA Inspector Dixon was informed by ZPMC QC Inspector Mr. Fu Yuhong that ZPMC CWI Inspectors Sun wei along with ABF Inspectors Kevin Chen and Ding Bohua were about to perform an initial three party visual repair inspection on deck panel DP005-001. Mr. Fu then requested that a Caltrans QA Inspector also performed a visual inspection on the deck panel.

After an agreement was reached by all parties on the repairs to be completed on the deck panel the QA Inspector assigned Caltrans lot number B59 and the inspection date on the yellow tag which is pasted to the outside U-Ribs of the deck panels. The ABF and ZPMC personnel also signed and dated the tag indicating the inspection had been completed.

The QA Inspector observed ZPMC Magnetic Particle Testing Technician (MT) Zhou Dongyun performing MT on deck panel DP081-001 after workers had prepared various incomplete fusion areas for weld repairs. Mr. Dongyun informed the QA Inspector that no indications were found.

The QA Inspector inventoried 28 deck panels in the HD Machine Shop, no welding was observed in this shop by the QA Inspector on this date.

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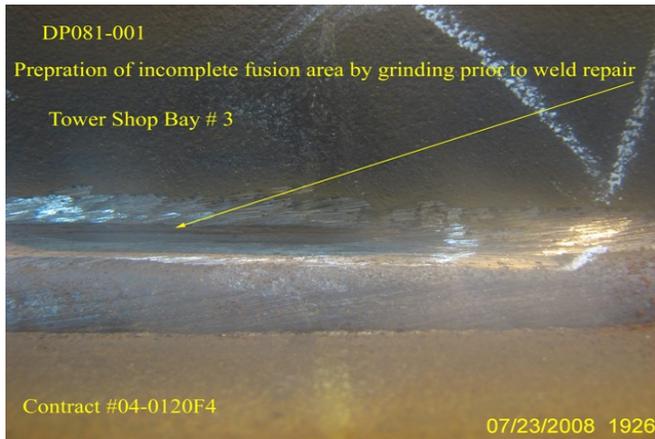
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# WELDING INSPECTION REPORT

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## Summary of Conversations:

As noted within the report shown 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 Ady Velasco, (818) 292-0659, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Dixon,Roscoe	Quality Assurance Inspector
<b>Reviewed By:</b>	Lanz,Joe	QA Reviewer

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