

**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-000286**Date Inspected:** 13-Jul-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**CWI Name:** Huang Wei and Xu Bing**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:** N/A**Summary of Items Observed:**

The CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present for the welding qualification testing pertinent for the welding qualification records (PQRs) PQR HP2007144-1 and PQR HP2007148 scheduled for this project. The QA inspector was presented with the preliminary welding procedure specifications (PWPS) without authorized signatures. The QA inspector brought to the ABF representative Craig Knops attention that the preliminary WPSs were without authorized signature. Mr. Knops relayed to ZPMC representative that the preliminary WPSs needed to be authorized by ZPMC with a signature in order to ZPMC start welding the PQRs testing. ZPMC postponed the PQRs testing until 1300 hours of this day due to PWPSs were without authorized signatures.

The QA inspector completed reviewing MTRs submitted by ABF on Transmittal # TL-07-0120 for 72 plates that were received on 07/06/07 by Caltrans and intended to be used on the fabrication of the San Francisco Bay Bridge which may be included in one or multiples bid items, but items are listed as follows: item # 52F (Furnished structural steel Tower), 55F (Furnished structural steel box girder) and 58F (Furnished structural steel bikepath). The QA inspector reported to Caltrans QA Task Leader Dave McClary that MTRs appeared to be in general compliance with the contract documents.

**Summary of Conversations:**

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

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# WELDING INSPECTION REPORT

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<b>Inspected By:</b>	Acuna,Alfredo	Quality Assurance Inspector
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<b>Reviewed By:</b>	McClary,David	QA Reviewer
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