

**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 #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027945**Date Inspected:** 11-Jul-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1500**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**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:** S.A.S. Components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI assembled with the other QAI and Quality Control Inspectors (QCIs) at the start of shift and prepared to conduct the joint Electro-Slag Weld (ESW) survey. The QAI noted that there is no QCI to conduct the joint inspection. The QAI then reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI continued reviewing the welding report packages #119, 120, 121 and 122, for conformance with the contract requirements. This work was in progress until the end of the shift.

The QAI was requested to sample fastener assemblies that have been delivered to the pier 7 staging area. The QAI was provided with a representative sample of the fasteners and the supporting documentation for the fasteners. The QAI noted that these fasteners are intended for use with Contract Change Order 178. The QAI completed a TL-102 sampling form with lot number B212-070-12. The QAI noted that these fasteners will be field released upon acceptable verification testing.

**Summary of Conversations:**

The QAI relayed that there is no partner QCI to conduct the ESW survey, fastener sampling and the status of the document reviews to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

**Comments**

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# WELDING INSPECTION REPORT

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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 Nina Choy, (510) 385-5910, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Croff, Scott	Quality Assurance Inspector
<b>Reviewed By:</b>	Levell, Bill	QA Reviewer

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