

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-027409**Date Inspected:** 28-Mar-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Pier 7 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 made random observations of the painting crews from Certified Coatings Company Inc. The QAI noted that the weather has cleared but the dew point and steel temperature are not within the contract tolerances for finish coating. The QAI met with foreman Mike Gaya and was informed that there are workers inside of the OBG deck span, continuing the touch up (repairs), and that tower surfaces are being power washed.

The QAI noted that the environmental conditions were within the contract requirements inside of the OBG. At the time of observation, the repair crew were moving locations. The QAI relayed their status to the QAI Charlie Stewart. The QAI also witnessed a painting crew setting up and power washing the exterior of the West Tower approximately the 40 meter elevation. The QAI witnessed the power washer pressure was running between 2100 PSI and 2200 PSI. The QAI relayed that there was inadequate pressure to the foreman Mike Gaya. The QAI was informed that they will adjust the equipment to bring the pressure up. The QAI made a later attempt to witness the pressure corrections. The QAI noted that the crew had used up their water and were not functioning, the inadequate pressure was not resolved during the QAI's observations. The QAI relayed the pressure observations to the QAI Charlie Stewart.

The QAI 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 also reviewed submittal 1536 Revision 107 and generated a TL-20 report. The QAI continued reviewing

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

informal welding report packages 105, 106 and 107. This work was in progress at the end of the shift.

Summary of Conversations:

The QAI relayed the status of the document reviews and painting / priming work to the QAI Lead Bill Levell.

Except as described above, there were no other notable conversations.

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

Inspected By:	Croff, Scott	Quality Assurance Inspector
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Reviewed By:	Levell, Bill	QA Reviewer
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