

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026570**Date Inspected:** 25-Oct-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1100**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Watson Bowman ACME**Location:** Buffalo, NY**CWI Name:** Reno Davis, John Crabtree**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**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Kenneth Riley was present at the Watson Bowman Acme Corporation (WBA) facility, as requested, in Buffalo, New York to observe fabrication activities of the Seismic Expansion Joint Hinge A lanes for the San Francisco Oakland Bay Bridge (SFOBB) project.

This (QAI) Inspector met with Watson Bowman Acme Corporation (WBA) Quality Control (QCS) Supervisor John Miller and KTA-Tator (ABF Representative), Certified Welding Inspectors (CWI), Reno Davis Day Shift, and Mr. John Crabtree night shift. ABF Representatives are the Quality Control personnel for this location.

This QAI spoke with QCM for WBA Greg Ross concerning the deck plates. WBA stated that two (2) of twenty four (24) the 2873x1780 identified as SEI112667AC was going to be delivered from KDM marching to WBA to attach the lifting lugs and the QCM stated he would perform an arrival inspection of these two (2) components for conformance to the contract drawings. Also discussed was that WBA would be performing two (2) welder qualification for Shielded Metal Arc Welding (SMAW) process with the test plate in the vertical (3F) position. Later in the shift it was determined that the welder qualification test would not be performed today but postponed until tomorrow night. This QAI also spoke with the QCM concerning the status of the top plates. It was relayed that Samuel's was going to try and get WBA two (2) top plates so that WBA can proceed with production. The remaining plates would be delivered the following week by mid-week. This QAI will be doing QA verification tomorrow on the two (2) deck plates that arrived at WBA for dimension check for conformance to the contract documents.

ABF Representative John Crabtree (night shift) performed dimension checks of the deck plates for ABF. The information obtain was that the plates were within compliance to the contract drawings.

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No welding was observed on the day or night shift.

Summary of Conversations:

Basic conversation, fundamental to completion of the tasks at hand, occurred between this QAI, ABF QC, and WBA personnel .

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:	Riley, Ken	Quality Assurance Inspector
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Reviewed By:	Levell, Bill	QA Reviewer
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