

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-026394**Date Inspected:** 23-Sep-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1630**Contractor:** Watson Bowman Acme**Location:** Buffalo, NY**CWI Name:** John Miller**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:** Hinge A Expansion Joint**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Fred Edmondson 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 (QA) Inspector met with Watson Bowman Acme Corporation Quality Control Manager (QCM) Gregory Ross, Quality Control Supervisor (QCS) John Miller and (KTA-Tator, American Welding Society Certified Welding Inspectors, (AWS CWI) Reno Davis.

This QAI observed WBA personnel removing excess weld spatter from as-welded and base metal surfaces by grinding and wire brushing. Welding was not in process at this time.

QCS Miller informed this QAI that he has shipped the Fillet Weld Soundness Test coupon identified as "C5" (welded 9-16-11 and witnessed by this QAI) to their testing lab for further preparation and macroetching and that WBA should have formal results in two to three days.

This QAI accompanied QCS Miller to the location where the CA 2 plates (16 ea) with torch-cut holes are stored. The plates have been removed from the shop and are located outside in the yard. Reference attached photos.

Conversation fundamental to completion of the task at hand occurred between this QAI and WBA personnel.

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WBA Red Tagged CA 2 top plates, 16 ea



16 ea CA 2 Red Tagged top plates with torch-cut bolt-holes

Summary of Conversations:

Conversation fundamental to completion of the task at hand occurred between this QAI 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: Edmondson, Fred

Quality Assurance Inspector

Reviewed By: Levell, Bill

QA Reviewer