

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-029942**Date Inspected:** 19-Aug-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Fred Michels**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:** SAS Bikepath**Summary of Items Observed:**

Caltrans Office of Structural Material (OSM) Quality Assurance Inspector (QAI) Joselito Lizardo was present at the Self Anchored Suspension (SAS) job site as requested to perform observations on the welding of components for the San Francisco Oakland Bay Bridge (SFOBB) Project.

Underneath the bike path at panel points PP124 and PP125, this QA randomly observed ABF/JV the welder Rick Clayborn continue to perform the 8mm fillet welding of the flange and the 5mm fillet welding of the web of the W10 x 8 to ¾" thick connection plate inner rail hanger as required. The welder was observed welding in the 2F (horizontal) position utilizing self shielded Flux Cored Arc Welding (SMAW) process using the 0.072" diameter wire electrode as per the welding procedure ABF-WPS-D15-F2200. During the shift, ABF QC Fred Michels was noted monitoring the workmanship and the parameters. At the end of the shift, 2F SMAW fillet welding was completed at two locations mentioned above.

The ¾" thick connection plate was cut removed due to discrepancy in length and this was done without approval from the Engineer. When ABF QC was asked about the necessary supporting documents about the task being undertaken, Fred Michels informed this QA that ABF has submitted the Request for Information (RFI) but awaiting response from Caltrans.

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Summary of Conversations:

No significant conversation occurred today.

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 SMR Gary Thomas 916-764-6027, who represents the Office of Structural Materials for your project.

Inspected By: Lizardo, Joselito

Quality Assurance Inspector

Reviewed By: Reyes, Danny

QA Reviewer