

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019337**Date Inspected:** 13-Jan-2011**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:** See below**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 OBG**Summary of Items Observed:**

The Quality Assurance (QA) Inspector, Rick Bettencourt was on site at the job site between the times noted above. The QA Inspector was on site to randomly observe the in process welding and inspection of the weld joints identified as 9W-10W-A and the following observations were made:

9W-10W-A

The QA Inspector randomly observed the above identified OBG sections had been pushed in and the fit up of the weld joints was in process. The QA Inspector randomly observed the ABF welder Rick Clayborn and helper were installing the fit up gear at the "D" plate. The QA Inspector randomly observed the top deck plates had not yet been fit up. The QA Inspector performed a preliminary inspection of the "A" deck weld joint and noted a significant planar misalignment was present through out the majority of the 14mm deck plate. The ABF welder Rick Clayborn informed the QA Inspector he would be able to correct the planar misalignment by installing the temporary attachments and wedges under the top deck plate. The QA Inspector noted no fitting tasks were performed on the QA Inspectors shift.

The QA Inspector spent the remainder of the shift updating current ABF production welding on Caltrans QA spreadsheets as well as tracking QA and QC NDT status of transverse filed splices, lifting lugs restorations, access holes and longitudinal stiffener butt splices

Summary of Conversations:

as noted above.

Comments

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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| Inspected By: | Bettencourt,Rick | Quality Assurance Inspector |
| Reviewed By: | Levell,Bill | QA Reviewer |
