

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-023460**Date Inspected:** 05-May-2011**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:** 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 reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI noted that at this time, the most recent dates of welding reports is 2.13.2011. The QAI also noted that the contractor is in the process of addressing the category A and category B comments from the previous TL-20s and welding report submittals.

The QAI was requested to sample threaded rod fasteners that have been delivered to the contractor's job site storage area. The QAI met with Caltrans Transportation Engineer Bob Brignano and was provided with the threaded fastener components' Certificates of Compliance (COC). The QAI pulled random samples to satisfy the contract requirements for check samples. The QAI assigned lot number B212-011-11 and generated a TL-102 form with the pertinent information. The QAI noted that these fasteners are intended for use in installing the barrier rails to the bridge deck. See the attached photos.

The QAI was informed that partially threaded studs, sampled on 04-27-2011 with lot number B212-005-11, have not been accepted for check samples. The QAI was informed that the pitch of the threads does not conform with the contract requirements. The QAI relayed the information to Mr. Brignano.

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Summary of Conversations:

The QAI relayed the status of document reviews and check sampling 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
Reviewed By:	Levell, Bill	QA Reviewer
