

**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-029818**Date Inspected:** 15-Jul-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:****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:**

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.

This QA together with Caltrans Engineer Thanh Le, SMR Laura Webb and two ABF Field Engineers performed a walkthrough inside the OBG east and west bounds to clear punch list items that were already corrected. The punch list items that were inspected and verified were mainly on missing bolts on various connections. The following locations were inspected and verified for the punch items mentioned above;

1. OBG 1W-PP8 to OBG 14W-PP128 grid line W3, W4 and A1
2. OBG 1E-PP8 to OBG 14E-PP128 grid line E3, E4 and A1
3. Crossbeam # 5
4. Crossbeam # 6

Most of the items on the ABF list were noted acceptable except for the items along grid line A1 wherein drilled holes that were not used were caulked. Caltrans Engineer Thanh Le had asked for the RFI of the caulking that was performed but said the caulking of the holes acceptance are pending until RFI is presented.

**Summary of Conversations:**

According to Caltrans Engineer Thong Lee, caulking of the unused bolt holes were acceptable pending RFI.

**Comments**

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

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<b>Inspected By:</b>	Lizardo, Joselito	Quality Assurance Inspector
<b>Reviewed By:</b>	Reyes, Danny	QA Reviewer

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