

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
 690 Walnut Ave. St. 150  
 Vallejo, CA 94592-1133  
 (707) 649-5453  
 (707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025129**Date Inspected:** 08-Jul-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 Corp.**Location:** Buffalo, NY**CWI Name:** Greg Ross**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:** Seismic Joint Hinge A**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Dustyn Broening was present at the Watson Bowman Acme Corporation (WABO) facility, as requested, in Buffalo, New York to observe fabrication activities of the Seismic Expansion Joint Hinge A for the San Francisco Oakland Bay Bridge (SFOBB) project.

This (QAI) met with Watson Bowman Acme Corporation Quality Control Manager (QCM) Mr. Gregory Ross, Quality Control Supervisor (QCS) John Miller. Welding has not started on the night shift.

This QAI observed certified welder Jayson Gray (welder ID#J) using the FCAW process (dual shield, 100%CO<sub>2</sub>), filler metal TM-811N1, to weld Complete Joint Penetration (CJP) welds on the SEI112667CA2 quantity of (4ea) of (24ea required) Channel Assemblies are being worked on at this time. Welds are being performed on the Top Plate to Back Plate connection. The approved FCAW Welding Procedure Specification (WPS) was Watson Bowman - WPS FCAW 13. All welding was being performed in the 1G flat position. Dimensions were checked per SMR Bahjat Dagher request and flatness of top plate was verified to be acceptable at time of inspection.

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# WELDING INSPECTION REPORT

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## Summary of Conversations:

The QCM relayed to this QAI that he has submitted Welding Quality Control Plan (WQCP) for approval.

## 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.

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<b>Inspected By:</b>	Broening,Dustyn	Quality Assurance Inspector
<b>Reviewed By:</b>	Edmondson,Fred	QA Reviewer

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