

**DEPARTMENT OF TRANSPORTATION**  
 DIVISION OF ENGINEERING SERVICES  
 Office of Structural Materials  
 Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4  
 Cty: SF/ALA Rte: 80 PM: 13.2/13.9  
 File #: 99.28

**WELDING INSPECTION REPORT**

**Resident Engineer:** Casey, William  
**Address:** 333 Burma Road  
**City:** Oakland, CA 94607

**Report No:** WIR-029957  
**Date Inspected:** 22-Aug-2013

**Project Name:** SAS Superstructure  
**Prime Contractor:** American Bridge/Fluor Enterprises, a JV  
**Contractor:** American Bridge Manufacturing

**OSM Arrival Time:** 700  
**OSM Departure Time:** 1530  
**Location:** Reedsport, OR

**CWI Name:** Mike Inman  
**Inspected CWI report:** Yes No N/A  
**Electrode to specification:** Yes No N/A  
**Qualified Welders:** Yes No N/A  
**Approved Drawings:** Yes No N/A

**CWI Present:** Yes No  
**Rod Oven in Use:** Yes No N/A  
**Weld Procedures Followed:** Yes No N/A  
**Verified Joint Fit-up:** Yes No N/A  
**Approved WPS:** Yes No N/A  
**Delayed / Cancelled:** Yes No N/A

**Bridge No:** 34-0006

**Component:** Runner Blade

**Summary of Items Observed:**

This QAI randomly observed American Bridge Manufacture (ABM) welding personnel Dave Alameda performing fit up and tack welding with Flux Core Arc Welding (FCAW) on Runner Blade Assemblies, fit up and tack welding performed using ESAB Dual Shield II 711X electrode. The weld joint was identified as a complete joint penetration weld, ABM-810910-08, the parameters where checked by ABM QC and verified by QAI. They appeared to be within the specified Welding Procedure Specification's (WPS).



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## Summary of Conversations:

Basic conversation, fundamental to completion of the tasks at hand, occurred between this QAI, ABM QC, and ABM personnel.

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

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<b>Inspected By:</b>	Combs,Dennis	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley,Ken	QA Reviewer

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