

**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-029810**Date Inspected:** 10-Jul-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** As noted 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:** Tower**Summary of Items Observed:**

Quality Assurance Inspector (QA) Douglas Frey was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

**In Process Visual Inspection**

RWR-201305-002

This QA observed, at random intervals, ABF/JV welder Donald Plumb #0891 performing Shielded Metal Arc Welding (SMAW) with 4.0mm diameter E7018-MH4-R electrode and implementing Welding Procedure Specification (WPS) ABF-WPS-D15-1000R-03. Welding was performed on tower Electroslag Weld "ESW" designated as P.

Face A from y=5700 to y=5860

During welding, ABF Quality Control (QC) Bernard Docena was noted monitoring the welding parameters.

RWR-201305-001

This QA observed, at random intervals, ABF/JV welder Mike Jiminez #4671 performing SMAW with 4.0mm diameter E7018-MH4-R electrode and implementing Welding Procedure Specification (WPS)

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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ABF-WPS-D15-1000R-03. Welding was performed on tower Electroslag Weld "ESW" designated as T.

Face B from y=6170 to y=7030

During welding, ABF Quality Control (QC) Bernard Docena was noted monitoring the welding parameters.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

**Summary of Conversations:**

Conversations on this date were relevant to work performed.

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

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<b>Inspected By:</b>	Frey,Doug	Quality Assurance Inspector
<b>Reviewed By:</b>	Mertz,Robert	QA Reviewer

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