

**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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000327**Date Inspected:** 02-Aug-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1630**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Benicia, CA

<b>CWI Name:</b>	Michael Johnson		
<b>Inspected CWI report:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A

<b>CWI Present:</b>	Yes	No	
<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved WPS:</b>	Yes	No	N/A
<b>Delayed / Cancelled:</b>	Yes	No	N/A
<b>Component:</b>	Procedure Qualification Record (PQR)		

**Bridge No:** 34-0006**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Danny C. White (B89) is present at the Ironworkers Apprenticeship Training Facility as requested by ABF for the continuing purpose of witnessing Procedure Qualification Record (PQR) tests. On this date, the QA Inspector observed the following personnel present: Smith-Emery Company's Quality Control (QC) Representative Certified Welding Inspector (CWI) Mr. Michael Johnson ABF Representatives Mr. Tommy Gibson, Mr. Rick Clayborn and welder Mr. Dan Gordon.

The QA Inspector reviewed welding procedure specifications, reviewed the special provisions for the contract, verified that the CWI certification for Mr. Michael Johnson was current and met with the welders performing the PQR tests. The QA Inspector performed visual inspection following Mr. Johnson's inspection and acceptance of PQR plates identified as ABF-PQR-011-1B (lot #B67-049-07) and ABF-PQR-011-2B (lot #B67-051-07), items observed appeared to comply with contract specifications. The QA Inspector observed that two other PQR plates were on the same shipping pallet and are known as ABF-PQR-010-1C (lot #B67-046-07) and ABF-PQR-010-2A (lot #B67-048-07) were inspected and accepted by the QC inspector and awaiting further testing.

**Summary of Conversations:**

Quality Control (QC) Representative Mr. Michael Johnson informed the QA Inspector that he performed visual (VT) and ultrasonic testing (UT) on the completed PQR test plate known as ABF-PQR-011-2B and this plate is ready for Radiographic Testing (RT) and destructive testing.

**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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials

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## WELDING INSPECTION REPORT

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for your project.

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**Inspected By:** White,Danny

Quality Assurance Inspector

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**Reviewed By:** Mertz,Robert

QA Reviewer