

**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 #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005785**Date Inspected:** 17-Mar-2009**Project Name:** SAS Superstructure**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Contractor:** Japan Steel Works**OSM Arrival Time:** 830**OSM Departure Time:** 1630**Location:** Muroran, Japan

<b>CWI Name:</b>	Chung Fu Kuan		
<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>	Tower, Jacking and Deviation Saddles		

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

On this date 3/17/09, Caltrans OSM Quality Assurance (QA) Inspector, Mike Brcic, was present during the times noted above for observation relative to work performed in Foundry at Japan Steel Works (JSW).

W2E3 - Moved to Fabrication Shop #4.

W2W1 - Noted technician Harum Kohama (Level II, qualification due 3/31/09) performing Magnetic Particle Testing (MT), fulfilling requirements following Post Weld Heat Treat (PWHT).

W2E2 - MT being conducted on repair areas having had been ground on casting.

E2E1 - Observed ultrasonic technician, Nishida, performing straight beam testing of rough machine surfaces.

T1-3 - Battering, (weld surfacing) of squared cast rib face being performed by welder K. Shimazawa ID 92-2889, using technique SJ-3012-1-1 Rev 2, all parameters, (ie. preheat, voltage, amps and travel speed) were being observed and monitored by QC CWI Mr. Chung Fu Kuan.

W2E1 - Accompanied Art Peterson and Mr Jay Dorst during Final dimensional inspection conducted by an independent third party in Fabrication shop #4.

Unless otherwise noted, all observations reported above appear to be in general compliance with applicable contract documents.

**Summary of Conversations:**

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## WELDING INSPECTION REPORT

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No significant conversations were reported on this date.

### **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, 1(510)385-5910, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Brcic,Michael	Quality Assurance Inspector
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<b>Reviewed By:</b>	Lanz,Joe	QA Reviewer
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