

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-007462**Date Inspected:** 29-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2130**Contractor:** Japan Steel Works**Location:** Muroran, Japan

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|------------------------------------|---------------|----|-----|
| CWI Name: | Chung Fu Kuan | | |
| 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 |
| Component: | Tower, Jacking and Deviation Saddles | | |

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

On this date, 6/29/09, Caltrans OSM Quality Assurance Inspector (QAI) Mike Brcic was present during the times noted above for observations relative to the work being performed on cast sections in Foundry and associated built up plate sections in the Fabrication shop #4 and Foundry at Japan Steel Works (JSW), Muroran, Japan.

WEST DEVIATION SADDLES

W2W2 ~ QA Inspector observed saddle under preheat awaiting possible welding on C shift. Per Mr. Chung Fu Kuan, QC CWI, there is no intention of welding to this West deviation saddle.

TOWER SADDLES

T1-2 ~ Welders T.Watanabe 08-5153 and M.Yamashita 73-4195 were actively welding stiffener plates 8ST-30 and 8ST-28 respectively, FCAW process with 1.6mm TM55 weld wire. Parameters set forth by procedure SJ-3012-8 were monitored before welder began and on a random basis thereafter by QC CWI Mr. Chung Fu Kuan.

Unless otherwise noted, all observations reported on this date appeared to be in general compliance with applicable contract documents.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Summary of Conversations:

No significant conversations to report on this day.

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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| Inspected By: | Brcic,Michael | Quality Assurance Inspector |
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| Reviewed By: | Peterson,Art | QA Reviewer |
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