

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-005844**Date Inspected:** 23-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 830**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Japan Steel Works**Location:** Muroran, Japan

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, 3/23/09, Caltrans OSM Quality Assurance (QA) Inspector Mike Brcic was present during the times noted above for observations relative to the work being performed on castings in either the Fabrication shop #4 or Foundry Shop at Japan Steel Works.

W2E3 - Casting is sitting idle in Fab Shop #4, it's mated built up section has arrived "milled to bear".

W2W1 - Magnetic Particle testing completed, (method in process, in previous report, was visible dry method).

W2W2 - West Deviation Casting is still waiting shot blast.

W2W3 - Repair welding pending on Cast Section.

T1-3 - Welding in process of second layer of Buttered joint 9W-3U. Welder was J. Yaegashi, ID 07-2941, utilizing WPS SJ3012-1-1. All parameters appear to be met per contract documents and special provisions.

E2E1 - Shaping function in progress, (not actively working during walk through).

E2W1 - Mechanical grinding of carbon arc'd surface to casting in progress, approximately 20% complete.

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

Summary of Conversations:

No significant conversations were reported on this date.

Comments

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

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.

Inspected By:	Brcic,Michael	Quality Assurance Inspector
Reviewed By:	Lanz,Joe	QA Reviewer
