

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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-014029**Date Inspected:** 09-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	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:	OBG Components	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance Inspector George Goulet was present during the times noted above for observations relative to the work being performed.

OBG Assembly Yard

This QA Inspector proceeded to the OBG Assembly Yard near Bays 16~19 in response to ZPMC Inspection Notification # 005469 for magnetic particle testing (MT) of the following:

This QA Inspector performed random visual testing and then MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Segment 9CW.

The weld designations reviewed and identified as Tag 3 were:

SEG053B-005, 021, 023

SEG053C-002, 008, 010

The weld designations reviewed and identified as Tag 4 were:

SSD29-PP78.5-053, 054, 055, 056, 063, 064, 091, 092, 097, 098, 099, 100

SSD14-PP079-041, 043, 045, 052, 053, 100, 102, 104, 113, 114, 220, 221, 224, 225, 234, 235, 240, 241, 244, 245,

SSD14A-PP079-039, 041, 043, 050, 051, 098, 100, 102, 111, 112, 220, 221, 224, 225, 234, 235, 240, 241, 244, 245

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The weld designations reviewed and identified as Tag 5 were:

CA061-003, 008, 009, 025, 026, 027, 028, 037, 038, 039, 040

CA062-003, 008, 009, 025, 026, 027, 028, 037, 038, 039, 040

CSD2-008, 010, 022, 030, 093, 097, 106, 118

CSD3-PP78-006, 010, 033, 034

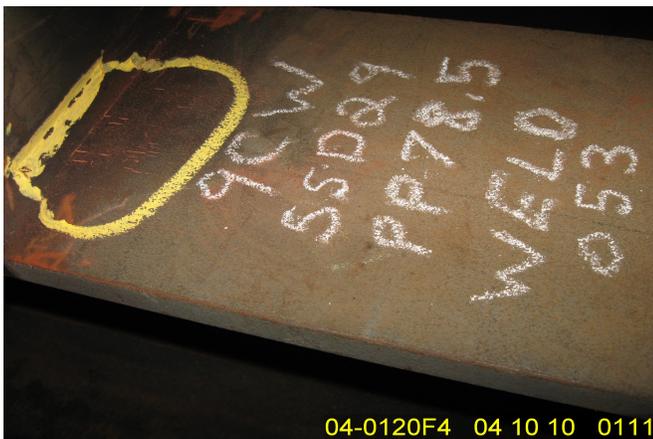
CSD3-PP79-005, 009, 029, 036, 038

CSD6-PP78-005, 009, 033, 034

CSD6-PP79-006, 010, 030, 036, 037

This QA Inspector observed 3 clusters of several indications each, on the second and third T-rib flanges from the longitudinal diaphragm on the side plate on the north (crossbeam) side between panel points 78.5 and 79. No other apparent indications were observed. This QA Inspector verbally reported these conditions to QA Inspector John Kinsey and provided photos. See photos below.

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



Summary of Conversations:

No significant conversations.

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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 Eric Tsang, 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet,George	Quality Assurance Inspector
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Reviewed By:	Dawson,Paul	QA Reviewer
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