

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-007295**Date Inspected:** 28-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**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:	Tower / OBG	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, D.Sukanthan was present during the time noted above for observations relative to the work being performed.

OBG # BAY 6

This QA inspector performed Magnetic Particle Test of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an Magnetic Particle Test report for this date. The member is identified as Tower lift 2 shear link beam. The weld designations reviewed are as follows:

(WD1-A305-65M-1-3A)
(WD1-A305-65M-2-3A)
(WD1-A305-65M-3-3A)
(WD1-A305-65M-4-3A)
(WD1-A305-65M-1-5B)
(WD1-A305-65M-2-5B)
(WD1-A305-65M-3-5B)
(WD1-A305-65M-4-5B)
(WD1-A305-53M-1-6B)
(WD1-A305-53M-2-6B)

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OBG # Segment 4AE

This QA inspector performed Ultrasonic Test of approximately 10% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an Ultrasonic Test report for this date. The member is identified as Corner Assemble. The weld designations reviewed are as follows:

(CA008-005,006)

(CA010-001,002)

OBG # Segment 3BE

This QA inspector performed Ultrasonic Test of approximately 10% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an Ultrasonic Test report for this date. The member is identified as Corner Assemble. The weld designations reviewed are as follows:

(CA004-001,002)

(CA006-005,006)

OBG # Segment 5AW

This QA inspector performed Ultrasonic Test of approximately 10% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an Ultrasonic Test report for this date. The member is identified as Corner Assemble. The weld designations reviewed are as follows:

(CA015-001,002)

(CA016-001,002)

OBG # Segment 4BW

This QA inspector performed Ultrasonic Test of approximately 10% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an Ultrasonic Test report for this date. The member is identified as Corner Assemble. The weld designations reviewed are as follows:

(CA011-005,006)

(SEG019*-035)

(SEG019A-030)

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

Summary of Conversations:

No Relevant Conversation

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

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

Inspected By:	Sukanthan,Dhanasingh	Quality Assurance Inspector
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Reviewed By:	Prue,Erik	QA Reviewer
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