

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024358**Date Inspected:** 11-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**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	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Vikram Singh was present during the times noted above for observations relative to the work being performed at ZPMC.

NDT

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 09441.

Ultrasonic Testing (UT)

This QA inspector performed Ultrasonic Testing (UT) of approximately 10% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an UT report for this date. The member is identified as OBG 14W. The weld designations reviewed is as follows:

SEG3020K-289, 290, 293, 294, 297, 298, 301, 302, 305, 306, 309, 310, 313, 314, 317, 318, 321, 322, 326, 330, 334, 338, 342, 346, 350, 354, 358

SEG3020H-069, 073, 077, 081, 085, 089, 093, 097, 101, 105, 109, 113, 117, 121, 125, 129, 133, 137

SEG3020L-095, 101, 107, 113, 119, 125, 131, 137, 143

WELDING INSPECTION REPORT

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During random in process observations of OBG Segment 14W, this QA inspector observed AB/F personnel performing ultrasonic testing inspection on weld joint identified as SEG3020*-005 located on deck panel of the OBG Segment 14W. This QA performed Visual Testing (VT) of the joint and found that appeared to be in general compliance with the applicable contract documents. For more details please see attached photo below:

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.



Summary of Conversations:

No relevant 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 James Devey-15000026784, who represents the Office of Structural Materials for your project.

Inspected By:	Singh, Vikram	Quality Assurance Inspector
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Reviewed By:	Riley, Ken	QA Reviewer
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