

**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-011593**Date Inspected:** 26-Nov-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

<b>CWI Name:</b>	N/A	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes No N/A	<b>Rod Oven in Use:</b>	Yes No N/A	
<b>Electrode to specification:</b>	Yes No N/A	<b>Weld Procedures Followed:</b>	Yes No N/A	
<b>Qualified Welders:</b>	Yes No N/A	<b>Verified Joint Fit-up:</b>	Yes No N/A	
<b>Approved Drawings:</b>	Yes No N/A	<b>Approved WPS:</b>	Yes No N/A	
		<b>Delayed / Cancelled:</b>	Yes No N/A	
<b>Bridge No:</b>	34-0006	<b>Component:</b>	OBG COMPONENT	

**Summary of Items Observed:**

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

Trial Assembly Segment Yard Area

Ultrasonic Testing

QA Verification UT performed after repair on portion of bottom plate to side plate corner joint of 3BE at Bike Path side. This Inspection was performed after ABF UT Inspectors performed UT of this joint. The result were recorded onto a data sheet that Caltrans QA and ABF QA have jointly filled out on this date.

The Weld Designation is as follows

SEG-016A-008

QA Verification UT performed after repair on portion of Deck plate splice weld of 3AE to 3BE. This Inspection was performed after ABF UT Inspectors performed UT of this joint. The result were recorded onto a data sheet that Caltrans QA and ABF QA have jointly filled out on this date.

The Weld Designations are as follows

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## WELDING INSPECTION REPORT

( Continued Page 2 of 3 )

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OBE3-002,003 and 004

QA Verification UT performed after repair on portion of Side plate splice weld of 4AE to 4BE at CB side . This Inspection was performed after ABF UT Inspectors performed UT of this joint. The result were recorded onto a data sheet that Caltrans QA and ABF QA have jointly filled out on this date.

The Weld Designation is as follows

OBE4A-001 and 002

Magnetic Particle Testing

QA Verification MT performed after repair on portion of Deck plate to Edge Plate corner weld of 3BW at CB side . This Inspection was performed after ABF MT Inspectors performed MT of this joint.

The Weld Designation is as follows

SEG-013-043 and 047

QA Verification MT performed after repair on portion of Deck plate to Edge Plate corner weld of 3AW at CB side . This Inspection was performed after ABF MT Inspectors performed MT of this joint.

The Weld Designation is as follows

CA-005-002,004 and 006

QA Verification MT performed after repair on portion of Side plate splice weld of 4AE to 4BE at CB side . This Inspection was performed after ABF MT Inspectors performed MT of this joint.

The Weld Designation is as follows

OBW3A-001 and 002

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

**Summary of Conversations:**

No relevant conversations

**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.

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# WELDING INSPECTION REPORT

*( Continued Page 3 of 3 )*

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<b>Inspected By:</b>	Bera,Subhasis	Quality Assurance Inspector
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<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer
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