

**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  
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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-007564**Date Inspected:** 28-Jun-2009**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:** Chen ying xin  
**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

**Bridge No:** 34-0006**Component:** OBG & TOWER components**Summary of Items Observed:**

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

Bay# 11-Tower Assembly:

This QA Inspector randomly observed the following work in progress:

SAW Process:

Welding of weld joint# 1A located on PCMK SD1 A6002-11,12,13. Welder is identified as 044558. ZPMC QC is identified as Mao Bin Bin. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-4221-B-U3C-S-1.

Welding of weld joint# 2B,4A located on PCMK SD1 A6002-1. Welder is identified as 202756. ZPMC QC is identified as Mao Bin Bin. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-4221-B-U3C-S-1.

Bay# 10-Tower Assembly:

This QA Inspector randomly observed the following work in progress:

FCAW Process:

Welding of weld joint# 64 located on PCMK SSD1 FCSA4-1E/E. Welder is identified as 053870. ZPMC QC is identified as Wang Hao. The welding variables recorded by QC appeared to comply with the specified WPS no.

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## WELDING INSPECTION REPORT

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B-T-4331-TC-P5-F.

OBG Trial Assembly Area:

This QA Inspector randomly observed the following work in progress:

FCAW Process:

Root pass welding of joint# 016 located on SEG 019C. Welder is identified as 220063. ZPMC QC is identified as Pan Wen Long. The welding variables recorded by QC appeared to comply with the specified WPS no.

B-T-2233-TC-U4b-F.

Unless otherwise noted, all work observed on this date appeared to be 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 remedial efforts please contact Serge Sinevod 134-8257-0045, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Chakrabarti,Dilip Kumar	Quality Assurance Inspector
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<b>Reviewed By:</b>	Clifford,William	QA Reviewer
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