

**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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017679**Date Inspected:** 28-Oct-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	Zhang Zhong	<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 Components	

**Summary of Items Observed:**

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

FCAW welding of weld is identified as 2F-008 of BK004A1-002 for BK004A-002. The welder is identified as 062768. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-038 of BK006A1-001 for BK006A-001. The welder is identified as 62739. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-005 of BK004A1-012 for BK004A-012. The welder is identified as 62762. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of plug weld is identified as 2F-020 of BK004A2-009 for BK004A-009. The welder is identified as 058792. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-2-Plug.

FCAW welding of weld is identified as 3G-130 of BK004A8-009 for BK004A-009. The welder is identified as 062786. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to

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comply with the WPS-B-T-2233-Tc-P4-F.

FCAW welding of weld is identified as 2F-013 of BK004A2-007 for BK004A-007. The welder is identified as 62734. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-073 of BK004A3-011 for BK004A-011. The welder is identified as 62732. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

Flatness correction of bike path BK004A-001 bottom cover plate is in progress after ZPMC, CT MT completed and accepted. ZPMC will perform MT on those locations as per HSR1 (B)-9501.

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 remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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**Inspected By:** Kumar,Chadra

Quality Assurance Inspector

**Reviewed By:** Patel,Hiranch

QA Reviewer

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