

**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-014995**Date Inspected:** 08-Jun-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>	Wu shi gao / Zhou cheng / Xu tao			<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.

BAY#19

FCAW welding of weld joint 2F-029 located on PCMK BK4A6-008 the welder is identified as 062761. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 3F-0116 located on PCMK BK4A6-008 the welder is identified as 062761. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2133.

FCAW welding of weld joint 3F-043 located on PCMK BK4A6-010 the welder is identified as 062788. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2133.

FCAW welding of weld joint 2F-041 located on PCMK BK4A6-010 the welder is identified as 062755. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

Fit-up of stiffeners with stringer plate is in progress for Bike path.

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ZPMC QC NDT technician doing their MT of base metal repaired location of following bike path is in progress, the bike path is identified as BK004-007.

BAY#16

SAW welding of weld joint 1G-005 located on PCMK BP3073-001 of Segment 13AW welder is identified as 045265. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

Visual inspection of Fit-up of following weld joint dimension and tack weld checked with ZPMC QC Mr.Li Ming yang the weld is identified as BP3073-001-004.

BAY#13

SAW welding of weld joint 1G-005 located on PCMK BP3032-001 of Segment 13AE welder is identified as 044774. ZPMC QC is identified as Mr. Guo pan . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

BAY#14

I-ribs fit-up with side plate of SP3098 for Lift 13 east is in progress.

Cutting of side plate WT ribs is in progress for lift 13 east.

Trail assembly yard

This QA inspector performed 15% MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG bike path. The weld designations reviewed as follows.

BK001-035-024.

BK001-036-025.

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

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## 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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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
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<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer
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