

**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-008976**Date Inspected:** 17-Aug-2009**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**CWI Name:** Li Zhi jiang/SunWei**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 Components**Summary of Items Observed:**

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

**BAY#2**

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint numbers 010 and 012 located on FB3005-002. Welder is identified as 068918. ZPMC QC is identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

**BAY #3**

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint numbers 042 and 046 located on FB204-041. Welder is identified as 044830. ZPMC QC is identified as Yin Dong Hai. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint numbers 042 and 046 located on FB204-042. Welder is identified as 044830. ZPMC QC is identified as Yin Dong Hai. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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## BAY#5

This QA Inspector observed the following work in progress:

S.M.A.W. welding of weld joint numbers 001 and 002 located on BK001-026. Welder is identified as 204733. ZPMC QC is identified as Xu Mong Min. The welding variables recorded by QC appeared to comply with the Applicable WPS.

S.M.A.W. welding of weld joint numbers 064 and 065 located on BK001-032. Welder is identified as 203176. ZPMC QC is identified as Xu Mong Min. The welding variables recorded by QC appeared to comply with the Applicable WPS.

## BAY#7

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 001 located on SP3042-001. Welder is identified as 053609. ZPMC QC is identified as Zhou Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 005 located on EP3006-001. Welder is identified as 062447. ZPMC QC is identified as Zhou Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS.

## BAY#8

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 034 located on FB205-038. Welder is identified as 066687. ZPMC QC is identified as Zhang Jing Xin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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 (15000422372), who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Whitehead,Lonnie	Quality Assurance Inspector
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<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer
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