

**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-007079**Date Inspected:** 01-Jun-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 #3**

This QA inspector observed the following work in progress:

S.M.A.W. tack welding of weld joint numbers 008 to 010 located on FB204-026. Welder is identified as 044804. ZPMC QC is identified as Zhang Yaxu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

S.M.A.W. tack welding of weld joint numbers 008 to 010 located on FB010-040. Welder is identified as 200583. ZPMC QC is identified as Zhang Yaxu. 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 for weld joint numbers 003 and 004 on DP201-015. Welder is identified as 053742. ZPMC QC is identified as Zhong Chong Biao. The welding variables recorded by QC appeared to comply with the applicable WPS.

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## WELDING INSPECTION REPORT

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F.C.A.W. welding for weld joint numbers 005 and 006 on DP202-015. Welder is identified as 062447. ZPMC QC is identified as Sheng Jian Guo. The welding variables recorded by QC appeared to comply with the applicable WPS.

S.A.W. welding for weld joint number 116 on BP201-001. Welder is identified as 046830. ZPMC QC is identified as Wang Xiao Bing. The welding variables recorded by QC appeared to comply with the applicable WPS.

BAY#2

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 132 located on FB003-162. Welder is identified as 062708. ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 020 located on FB003-162. Welder is identified as 062708. ZPMC QC is identified as Zhu Jun. 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
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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