

**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-015179**Date Inspected:** 15-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**CWI Name:** Wu shi gao/ Xu tao**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 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-056 located on PCMK BK004A4-001 welder is identified as 062904. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

BAY#16

SAW welding of weld joint 1G-005 located on PCMK BP3074-001 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-U3c-S-2.

BAY#14

SAW welding of weld joint 1G-001 located on PCMK BP3031-001 of Segment 13AE welder is identified as 044780. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-U3c-S-2.

OUTSIDE SHOP

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# WELDING INSPECTION REPORT

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## 11AE

SMAW welding of weld joint 2G-003 located on PCMK CA081 of Segment 11AE welder is identified as 200113. ZPMC QC is identified as Mr. Zhong gong yang . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2212-Tc-U4b-FCM-1.

## 11BE

SMAW welding of weld joint 4G-130 located on PCMK SSD18A-PP100 of Segment 11BE welder is identified as 047772. ZPMC QC is identified as Mr. Zhong gong yang . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b-FCM-1.

## 12AW

SMAW welding of weld joint 4G-131 located on PCMK SEG3004K of Segment 12AW welder is identified as 066361. ZPMC QC is identified as Mr. Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-T-4231-Tc-U4b-2.

## 11DE

SMAW welding of weld joint 4G-232 located on PCMK SSD10-PP104 of Segment 11DE welder is identified as 067764. ZPMC QC is identified as Mr. Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2214-Tc-U4b-FCM-1.

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

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