

**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-015116**Date Inspected:** 06-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/ Zhou cheng**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#16**

SAW welding of weld joint 1G-005 located on PCMK BP3073-001 the 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#19**

FCAW welding of repair weld joint 2G-004 located on PCMK SB13-062 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-345-SMAW-2G(2F)-repair-1 and B-WR13465.

FCAW welding of repair weld joint 2G-004 located on PCMK SB12-058 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-345-SMAW-2G(2F)-repair-1 and B-WR13470.

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# WELDING INSPECTION REPORT

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## OUTSIDE SHOP

### 10CW

This QA inspector performed UT of repair weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as Segment 10CW. The weld designations reviewed as follows. NWIT-002904. SSD12A-PP94-005.

### 10BW

This QA inspector performed 10% MT of Base metal repaired 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 Segment 10BW. NWIT- 005887.

Bottom plate, side plate, edge plate and deck plate.

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

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**Reviewed By:** McClendon,Timothy

QA Reviewer