

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-011280**Date Inspected:** 24-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**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 huajie / Li yan hua**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#14

SAW welding of weld joint 1G-002 located on PCMK SEG3001A of 12AE welder is identified as 044771.ZPMC QC is identified as Mr. Zhong guo hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2221-B-L2C-S-2.

FCAW welding of weld joint 3G-026 located on PCMK DP484-001 welder is identified as 050988.ZPMC QC is identified as Mr.Zhong guo hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-TC-U4b-F.

BAY#19

FCAW welding of weld joint 2F-020 located on PCMK BP026-013 welder is identified as 062737.ZPMC QC is identified as Mr.Lv Lvqiang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

OUTSIDE SHOP

SMAW welding of weld joint 4G-017 located on PCMK OBW9D of 9BW welder is identified as 067829.ZPMC QC is identified as Mr.Li ping. The welding variables recorded by QC appeared to Comply with the

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WPS-B-P-2114-FCM-1.

This QA inspector performed MT of approximately 15% of the area 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 8BW. The weld designations reviewed are as follows:

SSD13A-PP65-066,
SSD13A-PP66-065,066,
SSD13A-PP67-065,
CA050-003,004.
CSD6-PP65-050,048,046,028,030,016,007,008,018,006.
CSD2-PP65.5-125,123,121,102,085,092,096.
CSD2-PP66-049,061,055,031,029,015,013,017,009,005,004,012,024.
CSD2-PP67-061,059,057,055,031,029,011,019,013,001,021.

This QA inspector performed MT of the repaired area 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 8AW. The weld designations reviewed are as follows:

SSD11A-PP63-184.
SSD10-PP62-003.
EP085-001-021.

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.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer
