

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-014609**Date Inspected:** 25-May-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:** 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#19

FCAW welding of repair weld joint (R1) 2G-037 located on PCMK SB015-064 of Lift 8 welder is identified as 062783. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-2G(2F)-Repair and B-WR13124.

FCAW welding of repair weld joint (R1) 2G-043 located on PCMK SB015-068 of Lift 8 welder is identified as 062761. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to comply with the WPS -345-FCAW-2G(2F)-Repair and B-WR13136.

SMAW welding of repair weld joint (R1) 2G-001 located on PCMK SB015-066 of Lift 8 welder is identified as 062814. 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 and B-WR13142.

Fit-up of bearing plate is in progress of BK005-001.

TRAIL ASSEMBLY YARD

This QA inspector performed 15% MT of weld areas previously tested and accepted by ZPMC Quality Control

WELDING INSPECTION REPORT

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personnel. This QA inspector generated an MT report for this date. The members are identified as Segment 7CW+7DW (Hold back welds). The weld designations reviewed as follows. NWIT-005821.

SP440-001-027,029.

SP441-001-027,029.

SP481-001-029,030.

SP482-001-036,037.

SP719-001-033,034,035,036.

SP720-001-026,027,028,029.

SP759-001-027,028,029,030.

SP760-001-033,034,035,036.

This QA inspector performed 15% MT of weld 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 8AW ~ 8CW. The weld designations reviewed as follows
NWIT-005824.

PP62.5 – North and South.

PP63.5- North and South.

This QA inspector performed repair area MT of weld 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 7BW. The weld designations reviewed as follows
NWIT-005829.

Punch list item-382.

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
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Reviewed By:	McClendon,Timothy	QA Reviewer
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