

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025042**Date Inspected:** 04-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. 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**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

OBG-Trial assembly Yard

This QA Inspector observed the following work in progress,

Shielded Metal Arc Welding (SMAW)

Weld joint- 060, 061 Located on Segment 14E, SEG3019J, Edge plate to I Rib. Welder is identified as 044779. ZPMC Quality Control Inspector (QC) is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the WPS-B-P-2214.

Weld joint- 068, 069 Located on Segment 14E, SEG3019J, Edge plate to I Rib. Welder is identified as 216086. ZPMC Quality Control Inspector (QC) is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the WPS-B-P-2214.

Repair welding of Weld joint- 076 as per WRR no. B-WR-21154, Located on Segment 14W, SEG3020A2. Welder is identified as 044779. ZPMC Quality Control Inspector (QC) is identified as An Qing Xiang. The welding variables recorded by QC appeared to comply with the WPS-345-SMAW-3G (3F) - Repair.

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Repair welding of Weld joint- 106 as per WRR no. B-WR-21154, Located on Segment 14W, SEG3020A2. Welder is identified as 066239. ZPMC Quality Control Inspector (QC) is identified as An Qing Xiang. The welding variables recorded by QC appeared to comply with the WPS-345-SMAW-3G (3F) - Repair.

Repair welding of Weld joint- 004, 005 as per WRR no. B-WR-21182, Located on Segment 14W, LD 3049-001. Welder is identified as 066421. ZPMC Quality Control Inspector (QC) is identified as An Qing Xiang. The welding variables recorded by QC appeared to comply with the WPS-345-SMAW-2G (2F) - Repair.

Repair welding of Weld joint- 069 as per WRR no. B-WR-21154, Located on Segment 14W, SEG3020X between I Rib to Floor beam on PP125 mtr.. Welder is identified as 066479. ZPMC Quality Control Inspector (QC) is identified as An Qing Xiang. The welding variables recorded by QC appeared to comply with the WPS-345-SMAW-4G (4F) - Repair.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the 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.

Inspected By:	Baskar, Govindarajan	Quality Assurance Inspector
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Reviewed By:	Clifford, William	QA Reviewer
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