

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-013356**Date Inspected:** 05-Apr-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:** Geng Wei/Sun Bo**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, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay#8

FCAW welding of weld joint BK004A6-063-068, 069 located on BK004A. Welder is identified as 210341 (2F). ZPMC QC is identified as Zhang Qiao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint BK004A7-063-003, 004 located on BK004A. Welder is identified as 210341 (2F). ZPMC QC is identified as Zhang Qiao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint BK004A6-061-068, 069 located on BK004A. Welder is identified as 054459 (2F). ZPMC QC is identified as Zhang Qiao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint BK004A6-053-068, 069 located on BK004A. Welder is identified as 500405/219414 (2F). ZPMC QC is identified as Zhang Qiao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint BK004A7-054-027, 028 located on BK004A. Welder is identified as 500405 (2F).

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ZPMC QC is identified as Zhang Qiao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint BK004A7-054-087, 088 located on BK004A. Welder is identified as 219414 (2F). ZPMC QC is identified as Zhang Qiao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

Bay#14

FCAW welding of weld joint Seg3001T-013, 012 located on Seg12AE. Welder is identified as 058551 (1G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint Seg3001W-020, 027 located on Seg12AE. Welder is identified as 052696 (1G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

SMAW welding of weld joint Seg3001J-017 located on Seg12AE. Welder is identified as 049339 (4G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2214-Tc-U4b-FCM-1.

SMAW welding of weld joint Seg3001H-016 located on Seg12AE. Welder is identified as 030996 (4G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2214-Tc-U4b-FCM-1.

SMAW welding of weld joint Seg3001M-017 located on Seg12AE. Welder is identified as 200113 (4G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2214-Tc-U4b-FCM-1.

FCAW welding of weld joint Seg3001V-045, 046 located on Seg12AE. Welder is identified as 044801 (2G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

SMAW welding of weld joint Seg3001F-015 located on Seg12AE. Welder is identified as 050696 (3G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2213-Tc-U4b-FCM-1.

SMAW welding of weld joint Seg3001G-014 located on Seg12AE. Welder is identified as 050696 (3G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2213-Tc-U4b-FCM-1.

SMAW welding of weld joint Seg3001B-015 located on Seg12AE. Welder is identified as 051359 (3G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2213-Tc-U4b-FCM-1.

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SMAW welding of weld joint Seg3001C-014 located on Seg12AE. Welder is identified as 051359 (3G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2213-Tc-U4b-FCM-1.

Unless otherwise noted, all observed on this date appeared to generally comply with 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 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel,Hiranch	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
