

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-009580**Date Inspected:** 11-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:****Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Xi/Sun Wei**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#2

This QA inspector observed all the required NDT work is completed and Accepted by ZPMC and CT on following component. This QA inspector issued a green tag for this item. The member is identified as OBG Components.

The component number with green tag reviewed is as follows:

-(FB3035-001) Green Tag-10537

Bay#2

SMAW (Joint Fit Up) welding of weld joint FB3056-001-024, 025, 026, 027 located on FB3056-001. Welder is identified as 049972 (2F). ZPMC QC is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2112-FCM.

SMAW (Joint Fit Up) welding of weld joint FB3056-001-042, 043, 059 located on FB3056-001. Welder is identified as 049972 (2F). ZPMC QC is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2112-FCM.

SMAW (Joint Fit Up) welding of weld joint FB3054-001-022, 023, 024, 025, 026 located on FB3054-001. Welder is identified as 045251 (2F). ZPMC QC is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2112-FCM.

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SMAW (Joint Fit Up) welding of weld joint FB3054-001-058, 027, 059, 042, 043 located on FB3054-001. Welder is identified as 045251 (2F). ZPMC QC is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2112-FCM.

Bay#1

SMAW (Joint Fit Up) welding of weld joint CW002B-PP092-004~023 located on CW002B-PP092. Welder is identified as 215326 (2F/3F). ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2112/WPS-B-P-2113.

Bay#6

FCAW welding of weld joint CB202A-008-017 located on CB008. Welder is identified as 053742 (2G). ZPMC QC is identified as Zhou Jue. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint CB202A-008-005 located on CB008. Welder is identified as 058174 (2G). ZPMC QC is identified as Zhou Jue. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

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:	Patterson,Rodney	QA Reviewer
