

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-013670**Date Inspected:** 02-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:** Chen Xi/Tian Lei**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.

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SAW welding of weld joint FB3193-001-002, 003 located on FB3193-001. Welder is identified as 045265 (1G). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-U3c-S-2.

SAW welding of weld joint FB3193-001-005, 006 located on FB3193-001. Welder is identified as 045265 (1G). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-U3c-S-2.

SAW welding of weld joint FB3189-001-005, 006 located on FB3189-001. Welder is identified as 20723 (1G). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2221-B-U3c-S-2.

FCAW welding of weld joint FB3174-003-005 located on FB3174-003. Welder is identified as 062438 (1F). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2131.

FCAW welding of weld joint FB3206-001-001 located on FB3206-001. Welder is identified as 062438 (1F).

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ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2131.

FCAW welding of weld joint FB3206-001-008 located on FB3206-001. Welder is identified as 045203 (1F). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2131.

FCAW welding of weld joint FB3229-001-005 located on FB3229-001. Welder is identified as 045203 (1F). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2131.

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
