

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-008315**Date Inspected:** 14-Jul-2009**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:** Li Zhi jiang/SunWei**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 Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY #3

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 017 located on FB003-196. Welder is identified as 044830. ZPMC QC is identified as Shi Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 013 located on FB013-193. Welder is identified as 044830. ZPMC QC is identified as Shi Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 136 located on CSD7-PP090. Welder is identified as 204338. ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#2

This QA Inspector performed Ultrasonic Testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a UT report for this date. The member is identified as:

WELDING INSPECTION REPORT

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FB019-005-weld 146
FB027-009-weld 146
FB028-009-weld 148
FB011-029-weld 043

This QA Inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a MT report for this date. The member is identified as:

FB012-033-welds 020/031/024/025/011/012
FB028-010-weld 127
FB019-005-weld 127
FB016-039-welds 011/012/033/034/046
FB020-005-welds 086/087/163/106/138/139/150/111
FB020-008-welds 127/095/135/116/119/070/091/096/109/110

Unless otherwise noted, all work 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 (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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