

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-008469**Date Inspected:** 30-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi jiang**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.

Segment 4BE

This QA inspector performed UT of approximately 10% of the area after repair, previously tested and accepted by ZPMC Quality Control personnel. The member is identified as OBG Components. Please see UT report (TL-6027) generated this day for further details.

Longitudinal Diaphragm SEG20B-018,021**Segment 4BE**

This QA inspector performed MT of the temporary attachments removal area. The member is identified as OBG Component, DP048A. Quality Assurance Inspector found 5 Linear Indications in segment 4BE, on base metal of DP048A during random Magnetic Particle Testing on the temporary attachments removal areas. Quality Assurance Inspector generated an incident report TL015 for these areas.

Bay #2

This QA inspector observed the following work in progress:

FCAW welding of weld joint SSD13A-PP090-132 located on FB003-175. Welder is identified as 062708 (3G). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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FCAW welding of weld joint SSD13-PP090-137 located on FB003-175. Welder is identified as 062708 (3G). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint FB003-175-037, 038, 011, 012 located on FB003-175. Welder is identified as 062708 (3G). ZPMC QC is identified as Zhu Jun. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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:	Prue,Erik	QA Reviewer
