

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-006659**Date Inspected:** 02-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/ Li Xin Yang**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 performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Components. The weld designations reviewed are as follows:

-(Seg2F-023/ 026)

-(Seg2E-334/ 124)

-(Seg2D-088/ 004)

-(Seg1F-023/ 026)

-(Seg1E-255/ 333)

-(Seg1C-088/ 024)

-(Seg1E-096/ 097/ 388/ 387)

-(Seg1E-178/ 177/ 429/ 430)

-(Seg1D-044/ 151/ 130/ 127)

Bay #9

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Components. The weld designations reviewed are as follows:

WELDING INSPECTION REPORT

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-(DP394-001)

-(DP099-001)

Bay #2

This QA inspector observed the following work in progress:

FCAW welding of weld joint Segment 1AAE, Seg2E-023 located on Segment1AAE. Welder is identified as 045240(3G). ZPMC QC is identified as Pan Wen Long. The welding variables recorded by QC appeared to comply with the Applicable WPS.

SMAW welding of weld joint Segment 1AAW, Seg1E-020 located on Segment1AAW. Welder is identified as 025718 (4G). ZPMC QC is identified as Pan Wen Long. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Bay#3

FCAW welding of weld joint FB019-009-078, 079 (Root Pass) located on FB019-009. Welder is identified as 204338 (3G). ZPMC QC is identified as Li Zhi jiang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint FB205-006-035 located on Cross Beam 5. Welder is identified as 037705(3G). ZPMC QC is identified as Li Zhi jiang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

SMAW welding of weld joint CB202G-005-140 located on Cross Beam 5. Welder is identified as 066480 (3G). ZPMC QC is identified as Li Zhi jiang. 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
