

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-012177**Date Inspected:** 18-Jan-2010**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:** As identified below**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**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

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This QA Inspector observed the following work in progress: Submerged Arc Welding (SAW) of OBG Segment 12 AW side panel SP3035B to side panel SP3036B weld, SEG3004AL-015. ZPMC welder was identified as 045270. ZPMC QC was identified as Xu Tao. ZPMC CWI was identified as Liu Hua Jie. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2c-S-2.

Submerged Arc Welding (SAW) of OBG Segment 12 AW side panel SP3036D to side panel SP3036BD weld, SEG3004AL-009. ZPMC welder was identified as 045270. ZPMC QC was identified as Xu Tao. ZPMC CWI was identified as Liu Hua Jie. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2c-S-2.

Flux Cored Arc Welding (FCAW) of OBG Segment 11 DW FL3 web to FL1 web splice weld, SSD10A-PP104-013. ZPMC welder was identified as 202122. ZPMC QC was identified as Xu Tao. ZPMC CWI was identified as Liu Hua Jie. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-B-U2-F.

Flux Cored Arc Welding (FCAW) of OBG Segment 11 DW FL1 web to FL2 web splice weld,

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SSD10A-PP104-130. ZPMC welder was identified as 201215. ZPMC QC was identified as Xu Tao. ZPMC CWI was identified as Liu Hua Jie. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-B-U2-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation occurred between QA and QC this date.

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:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
