

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-011787**Date Inspected:** 02-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li 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**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) Shrikant Utekar was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

TRIAL ASSEMBLY YARD

This QA Inspector randomly observed the following work in progress.

OBG SEGMENT 7AW-7BW

This Quality Assurance (QA) Inspector observed ZPMC qualified welders 050316, 067079 performing Flux Cored Arc Welding process for the weld OBW7B-003 located on bottom splice weld between OBG segment 7AW and 7BW. ZPMC QC Mr. Feng Yang Jiang monitoring this welding. The welding variables recorded by QC appeared to comply with the WPS-B-T-2231T.

BAY # 7

This QA Inspector randomly observed the following work in progress.

This Quality Assurance (QA) Inspector observed ZPMC qualified welder 053609 performing Flux Cored Arc Welding process for the weld 11TR3-020-005 located on OBG cantilever box bracket. ZPMC QC Mr. Zhang

WELDING INSPECTION REPORT

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Diang Xiang monitoring this welding. The welding variables recorded by QC appeared to comply with the WPS-345-FCAW-2G (2F)-Repair. Weld repair report identified as B-WR10536.

Unless otherwise noted, all work observed on this dated 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, +(86) 1500 042 2372, who represents the Office of Structural Materials for your project.

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| Inspected By: | Utekar,Shrikant | Quality Assurance Inspector |
| Reviewed By: | Dawson,Paul | QA Reviewer |
