

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-006889**Date Inspected:** 20-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Xi**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:**

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.

Bay 1-

QA Inspector observed the following work in progress: FCAW welding of weld joint 028 located on Floor beam FB205-016. ZPMC welder was identified as 059450. ZPMC QC is identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2132-3.

Bay 2-

This QA Inspector observed the following work in progress: FCAW welding of weld joint 127 located on Floor beam FB028-009. ZPMC welder was identified as 068753. ZPMC QC is identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2231-TC-U4b-F.

FCAW welding of weld joint 002 located on Floor beam FB003-184. ZPMC welder was identified as 070101. ZPMC QC is identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2133.

Bay 7-

This QA Inspector observed the following work in progress: SMAW tack welding of weld joints 005 and 006

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located on Deck Plate 203-015. ZPMC welder was identified as 215259. ZPMC QC is identified as Xu Xian Ping. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2112.

Bay 10-

This QA Inspector observed the following work in progress: FCAW welding of weld joint 045A located on NSD1-FCSA3. ZPMC welder was identified as 066674. ZPMC QC is identified as Liu yang. The welding appeared to be in conformance with welding procedure specification, WPS-345-FCAW-1G (1F)-Repair.

Bay 11-

This QA Inspector observed the following work in progress: SAW welding of weld joint 059B located on SSD1-FCSA4. ZPMC welder was identified as 040252. ZPMC QC is identified as Wang Weng Zhong. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-U3C-S.

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

Summary of Conversations:

Only general between QA and QC occurred 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
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Reviewed By:	Carreon,Albert	QA Reviewer
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