

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-008288**Date Inspected:** 23-Jul-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: Liu Zhong An
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** OBG and Tower**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 3-

This QA inspector performed Ultrasonic Testing (UT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The members were identified OBG Corner Assembly components, The weld identification numbers were as follows: CA057-029, 030, CA063-021, 022, CA058-017, 018, CA064-033, 034, CA060-081, 082, CA069-045, 046, CA066-021, 022 and CA070-057, 058.

FCAW welding of Floor beam welds FB003-180-013, 014, 025 and 026. ZPMC welder was identified as 044830. ZPMC QC was identified as Chen Xi. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2132-3.

Bay 10-

This QA Inspector observed the following work in progress: FCAW welding of weld joint SSTL3-1 B/K-81B located on the South Tower Lift 3. ZPMC welders were identified as 050041 and 040338. ZPMC QC is identified as Liu Zhong An. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-C-U2.

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FCAW welding of weld joint NSD1-TL8 J/L-5B located on the North Tower Lift 3. ZPMC welders were identified as 040349, 047350 and 057246. ZPMC QC is identified as Liu Zhong An. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2331-TC-P4-F-2.

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

Summary of Conversations:

Only general conversations 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 Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

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| Inspected By: | Viars,Larry | Quality Assurance Inspector |
| Reviewed By: | Carreon,Albert | QA Reviewer |
