

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-008296**Date Inspected:** 03-Aug-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: Yu Dong Ping
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:** Tower and 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.

Bay 2:

This QA inspector performed Magnetic Particle Testing (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 members are identified as OBG Floor beams FB009-030 and FB009-031. The weld identification numbers are as follows: FB009-030-009, 019, 020, 024, 025, FB009-031-004, 013, 014, 047, 048.

Bay 10:

This QA Inspector observed the following work in progress: SMAW repair welding of Longitudinal stiffener to Skin Plate root pass welds, NSD1-FDSA4-3 D/D 33 and 50 located on North Tower Lift 4 Skin Plate D. ZPMC welders were identified as 040581 and 040269. ZPMC QC is identified as Wang Chuan Qing. The welding appeared to be in conformance with welding procedure specification, WPS-345-SMAW-2G (2F)-Repair.

FCAW welding of Longitudinal stiffener to Skin Plate weld joints NSD1-FCSA4-1 B/C-005 and 006 located on North Tower Lift 4 Skin Plate C. ZPMC welders were identified as 040581 and 040269. ZPMC QC is identified as Wang Chuan Qing. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2332-TC-P5-F.

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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 Serge Sinevod, 134 8257 0045, 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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