

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-007125**Date Inspected:** 14-May-2009**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:** Hu Wei Qing**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:** Shi Lin**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the time noted above for observations relative to the work being performed.

On this date Caltrans OSM Quality Assurance (QA) Inspector, Chandrakumar was present during the times noted above to observe the fit up, welding and related activities associated with the fabrication of the San Francisco Oakland Bay Self Anchored Suspension Bridge at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

BAY#3

This QA inspector performed 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 member is indentified as Floor Beam. The weld designations reviewed as follows:

FB016-031-04,13,27,29,61,48. Green Tag no-006692.

FB010-026-13,21,27,33,36,47.

FB012-025-02,22,30,42,45,61. Green Tag no-006691.

FB003-144-Side A only done.

FB003-156-Side A only done.

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an UT report for this date. The member is indentified as

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Floor Beam. The weld designations reviewed as follows:

SSD13A-PP084-132. Green Tag no-006698.

SSD17A-PP081-132. Green Tag no-006699.

FB003-156-08,32.

FB003-144-20,32.

FB024-006-126,125,127.

FB023-007-126,127.

BAY#2:

On going FCAW Welding of Weld Joint 3F-018,019 Located on FB004-043 Welder no indentified as 0204338 and The welding variables recorded by QC ZMPC Mr. Shi Lei to comply with the WPS-B-T-2233.

Weld joint Fit-up of the following weld joint carried out FB028-012-81,79 and WPS-B-P2211-U2-Weledr no indentified as a 58102, the The welding variables recorded by QC ZMPC Mr. Xin Danghai to comply with the WPS-B-P2211-B-U2-F.

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

Summary of Conversations:

No Relevant Converstaion.

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:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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