

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024237**Date Inspected:** 28-May-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** ShangHai, China**CWI Name:** Shi Yu**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, DJ Shin was present during the times noted above for observations relative to the work being performed.

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This QA inspector performed Ultrasonic Testing (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(s) is/are identified as follows; U-Rib splice channel on item number 2, of NWIT tracker document # 09288,

QA observed ZPMC CWI Mr. Sun Tian Liang has performed welder qualification tests. Total 16 welders, 3G and 4G positions with SMAW process. QA Inspector has verified welding parameter during ZPMC QC inspector checked welding parameter. Applicable WPS was WPS-B-P-2213-B-U2a-1 and WPS-B-P-2214-B-U2a-1. Following is welder list and visual inspection results.

Welder Name	ID No,	Position/ VT Result	
Liu Feng	69095	3G: Accepted	4G: Accepted
Nie Bao Feng	68864	3G: Accepted	4G: Accepted
Zhao Shan Lun	66683	3G: Accepted	4G: Accepted
Wu Bing Qian	69469	3G: Accepted	4G: Rejected
Huang Hang Pei	37705	3G: Accepted	4G: Rejected

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Ziang Jun Lin	67876	3G: Accepted	4G: Accepted
Wu Cun Xiang	70101	3G: Accepted	4G: Accepted
Zheng Yi	67949	3G: Accepted	4G: Rejected
Shi Yan	68920	3G: Accepted	4G: Accepted
Wang Quan Lin	66746	3G: Accepted	4G: Rejected
Hang Liang	67036	3G: Accepted	4G: Accepted
Zhu Tang Quan	69043	3G: Accepted	4G: Accepted
Liu Fu Quan	70140	3G: Accepted	4G: Accepted
Ziang Wei	66399	3G: Accepted	4G: Rejected
Fan Cheng Fu	67501	3G: Accepted	4G: Accepted
Ma Zhi Yong	66019	3G: Not tested	4G: Accepted

***** Cao Heng Feng and Shi Jia Bao was not tested.

Unless otherwise noted, all work observed on this date 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 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Shin,DJ	Quality Assurance Inspector
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Reviewed By:	Riley,Ken	QA Reviewer
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