

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-008431**Date Inspected:** 10-Jul-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:** Shen fu you / 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 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.

BAY#14

Flatness of End plates in Segment 1AAW checked maximum 4mm found in the middle of the plate, some location surface not even so couldn't take measurements.

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 identified as Segment 1AAW. The weld designations reviewed as follows:

SEG1-035

SEG1C-002,094.

SEG1-036

SEG1D-001,092.

A40 Pipe cut location.

BAY#2

On going SMAW weld buttering of cut pipe area at A29 & A30 in segment 1AAE, welder not identified as 058242 and the welding variables recorded by the QC ZPMC Mr. Yin Dong Hai to comply with the

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WPS-345-SMAW-4G(4F)-Repair and B-WR-58242.

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

Summary of Conversations:

No Relevant Conversation.

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 Jim Simonis - 134-7246-3441, 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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