

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-014641**Date Inspected:** 03-Jun-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu Xian Ping**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 Sub-Assembly**Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Stefan Holmes was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China.

Non-Destructive Testing pursuant to Non-Destructive Testing Inspection Notification Sheet (Document No. 005883):

Ultrasonic Testing:

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 members are identified as OBG Components. The weld designations reviewed are as follows:

TR6A-PP094-002	TR5B-PP085-004	TR5B-PP091-004	TR5B-PP073-004
TR6A-PP088-002	TR1C-PP078-005	TR1A-PP093-001	TR1E-PP082-009
TR1A-PP075-001	TR6A-PP078-002	TR1A-PP079-001	TR5B-PP079-004
TR6A-PP080-002	TR6A-PP074-002	TR1A-PP091-001	TR1A-PP073-001
TR2A-PP075-001			

Magnetic Particle Testing:

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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 Components. The weld designations reviewed are as follows:

TR6C-PP084-005	TR6C-PP074-005	TR1B-PP083-003	TR6C-PP076-005
TR1E-PP080-009	TR1E-PP092-009	TR1B-PP077-003	TR1B-PP091-003
TR1B-PP073-003	TR6C-PP087-007	TR1B-PP079-003	TR1B-PP085-003
TR2A-PP088-001	TR2A-PP080-001	TR1A-PP085-001	TR1A-PP077-001
TR6A-PP078-002			

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the 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:	Holmes,Stefan	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer
