

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-020943**Date Inspected:** 04-Feb-2011**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**CWI Name:** Tian Lei, Liu Fa Wen**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:**

On this date Caltrans OSM Quality Assurance (QA) Inspector R. Hernandez was present during the time noted above and conducted observations relative to the work being performed. The QA Inspector randomly observed the following work in progress:

Bay Number 1

The following components were in the above noted bay: 9TR1-001, 9TR1-002, 9TR2-001, 9TR2-002, E2-SB21-001, E2-SB12-001-001, E2-SB12-001-002, E2-SB12-001-003, 20TR2-030, 20TR2-038, 20TR2-039, & 20TR2-037. At the time this inspector was in this bay, this inspector did not observe any work being performed on these components.

Bay Number 3

The following components were in the above noted bay: AH3152A and AH3151A. At the time this inspector was in this bay This inspector did not any work being performed on these components.

Bay Number 6

The following components were in the above noted bay: RL3011A, RL3011B, RL3015A, RL3016A, RL3016B, RL3017A, RL3017B, RL3343A, & RL3343B. At the time this inspector was in this bay, this inspector did not observe any work being performed on these components.

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Bay Number 8

The following components were in the above noted bay: BK4A-060, BK4A-062, BK4A-059, & BK4A-063. At the time this inspector was in this bay, this inspector did not observe any work being performed on these components.

Bay Number 14

SMAW welding of complete joint penetration welds located on Lift 14 Longitudinal Diaphragm component identified as LD3049A to SEG 3020X as identified on weld repair data sheet B-CWR-2662 rev 2, for welds identified as 013 & 014. Welder is identified as welder no. 066398. The welding variables recorded by ZPMC QC identified as Qui Wen appeared to comply with applicable WPS(s) WPS-345-SMAW-2G(2F)-repair.

Unless otherwise noted above all items observed on this day appeared to be in general compliance with the applicable contract documents

Summary of Conversations:

Pertinent conversations are included in the body of the report.

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 1500-0042-02372, who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Rene	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer
