

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:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026307**Date Inspected:** 14-Sep-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2200**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC) Chanxing Island**Location:** Shanghai, China**CWI Name:** Chen Shi Gang**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:** Traveler Rail**Summary of Items Observed:**

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

Bay 9

This QA Inspector observed the following work in progress for Bay 9.

ZPMC was using the Flux Cored Arc Welding (FCAW) process.

ZPMC QC is identified as Zhu Zhong Jie.

Welding variables recorded by QC appeared to comply with the approved Welding Procedure Specification (WPS).

Listed below are the locations that were identified by this QA inspector.

Component: Traveler Rail

PCMK: 3017TR1-001

Weld Number: 032, 033

Welder: 059403

WPS-B-T-2232-ESAB

Component: Traveler Rail

PCMK: 3017TR1-001

Weld Number: 034, 035

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Welder: 059443
WPS-B-T-2232-ESAB
Component: Traveler Rail
PCMK: 3017TR2-001
Weld Number: 032, 033
Welder: 201840
WPS-B-T-2232-ESAB

Component: Traveler Rail
PCMK: 3017TR2-001
Weld Number: 034, 035
Welder: 059378
WPS-B-T-2232-ESAB

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 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Combs,Dennis

Quality Assurance Inspector

Reviewed By: Riley,Ken

QA Reviewer
