

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-022788**Date Inspected:** 07-Apr-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:** Lv Li Qing**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 14E, 13AW**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 14

This QA Inspector observed the following work in progress for Bay 14.

ZPMC was using the Shielded Metal Arc Welding (SMAW) process.

ZPMC QC is identified as Zheng Zhi Wei.

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: Anchor Plate

PCMK: SEG3019BB

Weld Number: 045

Welder: 216086

WPS-345-SMAW-4G-FCM-REPAIR-1

CWR2917

Component: Deck Plate Diaphragm

PCMK: SEG3019AA

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Weld Number: 003
Welder: 215553
WPS-B-P-2212-B-U2-FCM-1

Component: Deck Plate Diaphragm
PCMK: SEG3019AA
Weld Number: 008
Welder: 043661
WPS-B-P-2212-B-U2-FCM-1

Component: Deck Plate Diaphragm
PCMK: SEG3019Y
Weld Number: 058
Welder: 501946
WPS-B-P-2212-B-U2-FCM-1

Trial Assembly Yard

This Caltrans QA inspector received ZPMC non-destructive test (NDT) notification number 08762 from ZPMC for Trial Assembly Yard. This QA inspector was informed at 1730 that NDT Notification 08762 Item 1 was canceled.

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.

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Inspected By:	Combs,Dennis	Quality Assurance Inspector
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Reviewed By:	Riley,Ken	QA Reviewer
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