DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Vallejo, CA 94592-1133
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-020887
Date Inspected: 21-Feb-2011

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 1500
OSM Departure Time: 300
Location: ShangHai, China

CWI Name:	Sha Zhi			**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:

Summary of Items Observed: On this date Caltrans OSM Quality Assurance(QA) Inspector, DJ Shin was present during the times noted above for 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 Flux Core Arc Welding (FCAW) process.
ZPMC QC is identified as Li Ping.
Welding variables recorded by QC appeared to comply with the approved Welding Procedure Specifications (WPS). Listed below are the locations that were identified by this QA inspector.

Components: 13AW
PCMK: SEG3013R-020
Welder: 067876/066421
WPS-B-T-2132-ESAB

Components: 14W
PCMK: SEG3020AP-003
Welder: 201215
WPS-B-T-2231-ESAB

PCMK: SEG3020BB-115

WELDING INSPECTION REPORT

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Welder: 067949
WPS-B-T-2233-ESAB

This QA Inspector observed the following work in progress for Bay 14.
ZPMC was using the Shield Metal Arc Welding (SMAW) process.
ZPMC QC is identified as Li Ping.
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

Components: 14W
PCMK: SEG3020T-302
Welder: 067609/067764
WPS-B-P-2114-FCM-1

PCMK: SEG3020BB-055
Welder: 066638
Report: B-CWR2752
WPS-345-SMAW-2G (2F)-FCM-repair-1

Components: Deck Panel
PCMK: DP3174-001-018
Welder: 037780/066480
WPS-B-P-2212-TC-U4b-FCM-1

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 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Shin,DJ	Quality Assurance Inspector
Reviewed By:	Riley,Ken	QA Reviewer