

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-007522**Date Inspected:** 21-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Liu fa wen/ Shen fu you/ Zhang ba			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:	Shi Lin			Component:	OBG Components		

Summary of Items Observed:

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

BAY#13

On going SMAW Welding of Weld Joint 4F-043,044 Located on SEG048B Welder no indentified as 069689 and The welding variables recorded by QC ZMPC Mr. Guo Xing Hui to comply with the WPS-B-P-2114-FCM-1.

BAY#14

On going FCAW Welding of Weld Joint 3G-047,052 & 3F-053,054 Located on DP337-001 (8CE) Welder no indentified as 050988 and The welding variables recorded by QC ZMPC Mr. to comply with the WPS-B-T-2233-Tc-U4b-F & WPS-B-T-2133.

On going SMAW Welding of Weld Joint 4G-032 Located on SEG039A of 7DE Welder no indentified as 067610,067571 and The welding variables recorded by QC ZMPC Mr. Li ming yang to comply with the WPS-B-P-2214-B-U2-FCM-1.

BAY#19

On going FCAW Welding of Weld Joint 2F-052,054 Located on SB012-050 Welder no indentified as 062763 and The welding variables recorded by QC ZMPC Mr. Zhen Cheng to comply with the WPS-B-T-2132.

OUTSIDE YARD

WELDING INSPECTION REPORT

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On going SMAW Welding of Weld Joint 4G-031 Located on SEG027B of 6AW Welder no indentified as 045196 and The welding variables recorded by QC ZMPC Mr. Yiu Hai Peng to comply with the WPS-B-P-2214-Tc-U4b.

Bay#6

This QA inspector performed 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 member is identified as a Tower Diaphragm. The weld designations reviewed as follows:

ESD1-DPSA4-11B/B-06,011,019,003,006,001,026.

ESD1-DPSA4-16-03 to 08.

ESD1-DPSA4-11B/B-027,002.

WSD1-DPSA4-5B/B-010,006,014,015003,006.

WSD1-DPSA4-5B/B-001,026.

WSD1SA4-043-004,006,007,008.

WSD1-AS4-43-5B/B-27.

BAY#5

This QA inspector performed VT of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an VT report for this date. The member is identified as a Cable Tray Support. The weld designations reviewed as follows:

CTS4E (E,F,G,H)-16 nos.

CTS4D (H,I,J,K)-32 nos.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents

Summary of Conversations:

No Relevant Conversation.

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:	Kumar, Chadra	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
