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

Bay Area Branch
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Contract #: 04-0120F4
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-022830
Date Inspected: 27-Mar-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: 700
OSM Departure Time: 1900
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 Components

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.
BAY#19

SMAW welding of repair weld is identified as 1G-004 of SB023-106 for SB106East. The welder is identified as 259566. ZPMC QC is identified as Mr.Li ping. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G(1F)-repair and B-WR20518.

SMAW welding of repair weld is identified as 1G-004 of SB022-106 for SB106West. The welder is identified as 259906. ZPMC QC is identified as Mr.Li ping. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G(1F)-repair and B-WR20517.

ZPMC personnel performing Heat straightening of Cable bracket is identified as SA6029 in progress as per HSR1 (B)-10223.

ZPMC QC NDT UT personnel performing Ultrasonic testing of Cable bracket weld is identified as SA6030-001-117, they found reject able indication given for repair.

ZPMC grinding personnel performing grinding of cable bracket is identified as SA6031, SA6530 welds is in progress.

WELDING INSPECTION REPORT

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During in process inspection it is measured that 9mm straightness of cable bracket is identified as SA6531. It is informed to ZPMC QC Mr. Guo xing hui.
During ZPMC QC NDT UT personnel performing UT of bike path deck plate weld they found reject able indication they gave repair the weld is identified as BK004B-001-009 and BK005A-002-009.

Unless otherwise noted, all work 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-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patel,Hiranch	QA Reviewer