

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-008433**Date Inspected:** 12-Jul-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:	Shen fu you / Zhu Zhon Hai	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 time noted above for observations relative to the work being performed.

BAY#14

Ongoing FCAW Welding of Weld Joint 2G-256 Located on SSD14A-PP55 of 7CW Welder no indentified as 045175 and The welding variables recorded by QC ZMPC Mr. Li Ming Yang to comply with the WPS-B-T-2232-Tc-U4b-F.

Weld joint Fit-up and dimension checked with ZPMC QC Mr. Zhang Xian Ji of SEG064A-007

Some 02 locations FCM tack weld length less than 70mm informed to QC ZPMC.

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 Corner assembly. The weld designations reviewed as follows:

CSD6-PP72-033 to 038.

CSD6-PP77-033 to 038.

CSD6-PP78-033 to 038.

CSD6-PP79-033 to 038.

CSD6-PP85-033 to 038.

CSD6-PP73-033 to 038.

CSD6-PP84-033 to 038.

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CSD9-PP78-033 to 038.

CSD9-PP75-140-142,033 to 038,63,64.

CSD3-PP83-033 to 038.

CSD3-PP74-095 to 105.

CSD3-PP80-095 to 105.

BAY#19

Ongoing FCAW tack Welding of Weld Joint Fit-up 2G-031,43,61 Located on SB005-034 of SB34E Welder no indentified as 62756 and The welding variables recorded by QC ZMPC Mr. Zhou cheng to comply with the WPS-B-T-2232-Tc-U5-F.

Ongoing FCAW Welding of Weld Joint 2G-055 Located on SB006-032 of SB34W Welder no indentified as 62763 and The welding variables recorded by QC ZMPC Mr. Zhou cheng to comply with the WPS-B-T-2232-Tc-U5-F.

Bike Path work is ongoing as per approved RFI. Cope hole size increased 30mm, Drain pipe fit-up is ongoing and old backing bars are removed with new backing bars.

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 Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

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