

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-007511**Date Inspected:** 18-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**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 FCAW Repair Welding of Weld Joint 2G-004 Located on CA051-8BE Welder no indentified as 044795 and The welding variables recorded by QC ZMPC Mr. Zhong guo hui to comply with the WPS-345-FCM-2G-Repair.

On going Back gouging and MT of 8CE CA054-004 witnessed.

BAY#19

On going FCAW Welding of Weld Joint 2F-002,003 Located on SB013-064 of SB64W Welder no indentified as 062787 & 062806 and The welding variables recorded by QC ZMPC Mr. Liu fa wen to comply with the WPS-B-T-2132.

On going FCAW Welding of Weld Joint 2F-041,042 Located on SB012-052 of SB52W Welder no indentified as 062763 & 062778 and The welding variables recorded by QC ZMPC Mr. Liu fa wen to comply with the WPS-B-T-2132.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Fit –up inspection following weld joint carried out and recorded by ZPMC QC.

SB013-066-66,65, 2F. Welder no – 062794.

BAY#3

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an UT report for this date. The member is identified as a Floor Beam . The weld designations reviewed as follows:

FB016-045-043.

FB016-046-043.

FB009-040-043.

FB009-035-043.

FB003-178-104.

FB003-185-104.

FB003-192-104.

FB003-197-104.

Segment 6CE

UT

SEG032*-09,10,15,16,26,24.

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
---------------------	------------------	-------------