

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-003619**Date Inspected:** 19-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name:	N/A	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 / Tower	

Summary of Items Observed:

UT

This Quality Assurance (QA) inspector arrived at ZPMC in Shanghai China for observation of Orthotropic Bridge Girders (OBG) and Self Anchored Suspension (SAS) Bridge. This QA inspector received notification of witness inspection request numbers 878 and 876 from ZPMC QC department for UT verification. This QA inspector performed UT verification after ZPMC had completed and accepted the weldments in the heavy duty tower shop for the following locations; NSD1-SA76-A/H-57,59 and 74 A/B, SSD1-SA179-D/E-2~4 A/B, SSD1-SA17-A/G-19~23 and 25 A/B, SSD1-SA179-B2/E-1~4,6 and 7 A/B, SSD1-SA179-C/E-1~6,8~12 and 14 A/B, SSD1-SA179-B1/E-1~5 and 6 A/B and SSD1-SA179-B/E- 4~8 and 10 A/B. OBG Bay 7 for floor beams welds FB 036-001-125~127. OBG Bay 1 deck panel closed rib splices were DP200-001-190~194 and DP119-002-154. This QA inspector performed 10 % of the weld lengths for review and at the time of the QA review the weldments appeared to be in conformance. A TL-6027 will be generated for these locations.

Summary of Conversations:

No conversations today.

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 Ady Velasco, 1-381-694-2685, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Inspected By: Riley, Ken

Quality Assurance Inspector

Reviewed By: Carreon, Albert

QA Reviewer