

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-004236**Date Inspected:** 26-Oct-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:	Sun Bo			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		

Summary of Items Observed:

Tower Bay 3 Deck panels

Caltrans QA Inspector was informed that the 3 party final VT along with ZPMC and ABF personnel were ready for inspection at 1600 hrs. Upon arrival it was relayed from ABF the deck panel DP566-001 and DP567-001 still had areas for repair and it would be later in the shift for the final VT. This QA Inspector arrived back in the tower shop bay 3 and was again informed that both panels were not ready DP566-001 had been welded on and VT and MT needed to be performed after ZPMC completes their grinding of these areas. DP567-001 still was not acceptable by ABF personnel. This QA inspector was then informed that both deck panels wouldn't be ready for final visual inspection until day shift tomorrow 10-27-08.

OBG Bay 7 green tagging MT verification

Caltrans QA Inspector received notification from ZPMC for final MT of floor beams in OBG bay 7 for the ABF green tagging procedure. This QA inspector performed MT verification for Part numbers; FB006-059~106 welds 005~020 these parts fall under the 10% for lot testing by ZPMC as outlined in the special provisions. ZPMC tested 17 complete "H" beams (4 welds each) with MT the piece marks tested were FB006-092, 100, 104, 105, 082, 101, 099, 095, 093, 087, 074, 062, 060, 061, 064, 075 AND 079 after ZPMC had accepted these weldments this QA inspector performed 10% review of the listed parts above. At the time of review the parts appeared to be within compliance. A TL-6028 will be generated for these locations.

Summary of Conversations:

As noted above.

Comments

WELDING INSPECTION REPORT

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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 Peter Duatermann, 1-500-219-9593, who represents the Office of Structural Materials for your project.

Inspected By:	Riley, Ken	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
