

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-012830**Date Inspected:** 25-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu Xian Ping**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:****Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port

Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China.

This inspector performed conventional ultrasonic inspections, UT, on the following items listed below:

7BE- EP to DP, BK side, after repair in accordance with the current "D" scan procedure, and in conjunction with ABF. Indications were noted by ABF at the time of inspection, and were recorded by ABF. Indications were verified by this inspector, but no additional indications were noted.

7CE- EP to DP, BK side, after repair in accordance with the current "D" scan procedure, and in conjunction with ABF. Indications were noted by ABF at the time of inspection, and were recorded by ABF. Indications were verified by this inspector, but no additional indications were noted.

11DE- Weld Number CA089-004 in accordance with the current "D" scan procedure and in conjunction with ABF. Indications were noted by ABF at the time of inspection, and were recorded by ABF. Indications were verified by this inspector, but no additional indications were noted.

11DE- CA092-004 in accordance with the current "D" scan procedure and in conjunction with ABF. Indications were noted by ABF at the time of inspection, and were recorded by ABF. Indications were verified by this

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

inspector, but no additional indications were noted.

Areas for repair were marked directly on the weld.

Unless otherwise noted, all work performed on this day appeared to comply with the applicable contract documents.

Summary of Conversations:

No Relevant Conversations.

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 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Barrentine, Daniel	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
