

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-015780**Date Inspected:** 24-Jul-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:** Mr. Xu Le Feng**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:** Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

Heavy Dock Jetty

This QA inspector, Baskar Govindarajan, Performed, Lift 2 & 3, External alignment measurements which includes, Top, Bottom and side Gap between Splice and Tower Skins, Horizontal and Vertical Flatness near Splice plates, Distance between Splice plate and Tower Skin Edges of all corners, Lift 2 & 3 misalignment in all corners. These measurements carried out along with QA Inspector Mr. Ragavendra Reddy (B 308) East and West tower on Skin A, B, C, D and E. All the reading has been handed over to Task Leader. (Photo attached)

Magnetic Particle Testing:

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated a TL-6028 MT report for this date. The member is identified as 77 mtr. Upper Diaphragm Ladder Connection plates of East, West, South and North tower at Heavy Dock Jetty. The weld designations reviewed are as follows:

NSD1- TL 8H/L- Jt. no -206 –Ladder connection plate

WSD1- TL 6H/L- Jt. no -97 –Ladder connection plate

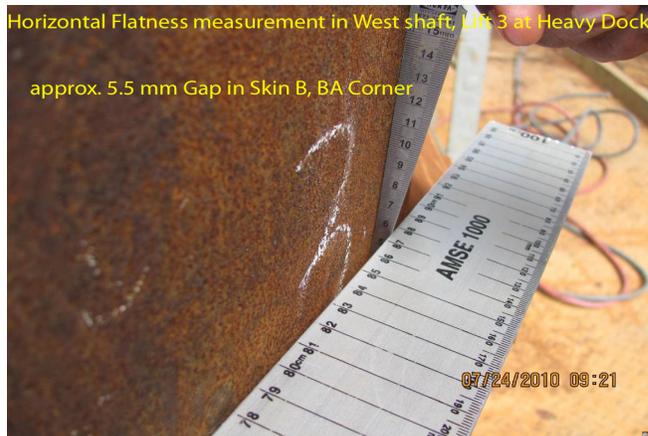
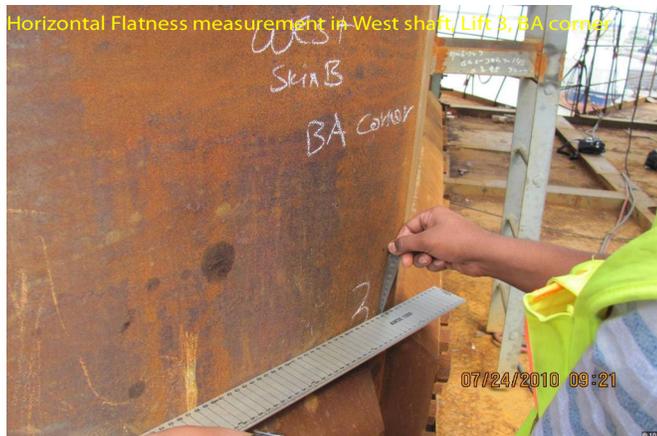
WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SSD1- TL 5H/L- Jt. no -208 –Ladder connection plate

ESD1- TL 7H/L- Jt. no -213 –Ladder connection plate

Unless otherwise noted, all work observed on this date appeared to be in general compliance 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 Micheal Ng (15921845703), who represents the Office of Structural Materials for your project.

Inspected By: Baskar, Govindarajan

Quality Assurance Inspector

Reviewed By: Clifford, William

QA Reviewer