

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-012934**Date Inspected:** 13-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:** Li yuan hua**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 component**Summary of Items Observed:**

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

BAY#19

SMAW repair welding of weld joint 2G-055 located on PCMK SB007-36 of SB36W welder is identified as 062814. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G(2F)-repair and B-CWR1308.

SMAW repair welding of weld joint 2G-004 located on PCMK SB008-36 of SB36E welder is identified as 062746. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-2G(2F)-repair and B-CWR1298.

FCAW welding of weld joint 2F-006 located on PCMK BP025-015 welder is identified as 062806. ZPMC QC is identified as Mr. Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

OUTSIDE SHOP

SMAW repair welding of weld joint 4G-001 on PCMK SEG053* of 9CW welder is identified as 066038. ZPMC QC is identified as Mr. Li Ping. The welding variables recorded by QC appeared to comply with the WPS-345-SMAW-4G(4F)-FCM-repair and B-WR10953.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

BLAST SHOP 1

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of Cross beam CB6 internal side panel, bottom panel, floor beam and diaphragms surfaces from the panel point PP9 to PP13 and exterior surface after grit blasting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

Unless otherwise noted, all work 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-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
----------------------	--------------	-----------------------------

Reviewed By:	Patterson,Rodney	QA Reviewer
---------------------	------------------	-------------