

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-010697**Date Inspected:** 30-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**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
Bridge No:	34-0006	Delayed / Cancelled:	Yes	No N/A
		Component:	OBG COMPONENT	

Summary of Items Observed:

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

Trial Assembly area

Witness of Magnetic Particle Testing

This QA inspector was Witnessing of Magnetic Particle Testing which was carried by ABF QC Technicians at corner Weld between deck plate to edge plate at 4AE and 4BE. This inspector observed the ABF QC found one linear indication at weld joint CA010-004 at y location 2900.

The weld designations reviewed are as follows:

CA010-002,004 and 006
SEG020-035 and 037

This QA inspector was Witnessing of Magnetic Particle Testing which was carried by ABF QC Technicians at corner Weld between deck plate to edge plate at 3AE and 3BE. This inspector observed there was no indication on the weld area.

The weld designations reviewed are as follows:

CA006-002,004 and 006
SEG014-043 and 047

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This QA inspector was Witnessing of Magnetic Particle Testing which was carried by ABF QC Technicians at bottom splice Weld between 1AE and 1BE. This inspector observed the ABF QC found two linear indication at weld joint at y location 2220 and 4900.

The weld designations reviewed is as follows:

OBE1A-008

This QA inspector was Witnessing of Magnetic Particle Testing which was carried by ABF QC Technicians at deck Splice Weld between 1AAE and 1AE. This inspector observed there was no indication on the weld area.

The weld designations reviewed are as follows:

OBE1-010-001and 009

This QA inspector was Witnessing of Magnetic Particle Testing which was carried by ABF QC Technicians at corner Weld between bottom plate to side plate for Segment 1AAE at bike path side. This inspector observed there was no indication on the weld area.

The weld designations reviewed is as follows:

SEG-004A-007

This QA inspector was Witnessing of Magnetic Particle Testing which was carried by ABF QC Technicians at corner Weld between bottom plate to side plate for Segment 1AAE at cross beam side. This inspector observed there was no indication on the weld area.

The weld designations reviewed is as follows:

SEG-004A-004

Unless otherwise noted, all work observed on this date appeared to generally comply with 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 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Bera,Subhasis	Quality Assurance Inspector
----------------------	---------------	-----------------------------

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