

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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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-013092**Date Inspected:** 12-Apr-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:****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:** Orthotropic Box Girder (OBG)**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Manoj Prabhune was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

OBG # TRIAL ASSEMBLY YARD

Segment# 8AE (T-Ribs) Caltrans QA Survey Inspection

This QA Inspector along with Caltrans QA Mr. Manjunath Math performed Individual Inspection for the T-Ribs to T-Ribs between Segment 8AE (Shop Segment Splice) between Panel Point (PP) 62~62.5, 63~63.5 and 63.5~64 and (Cross Beam side Total 19 Nos. T-Ribs) for Horizontal and Vertical Offset & Buckling. The measured readings were recorded on spread sheet, generated the report and submitted to the Task Leader and Engineer for review

Segment#

This QA inspector measured and recorded root gap and offset for below segment along with Caltrans QA inspector (Mr. Manjunath Math) for below segment. Reports forwarded to team leader for further action.

7DE~7EE

Segment# 7BE~7CE (T-Ribs) Caltrans QA Survey Inspection

WELDING INSPECTION REPORT

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This QA Inspector along with Caltrans QA Mr.Manjunath Math performed Individual Inspection for the T-Ribs to T-Ribs between Segment 7BE ~ 7CE (Shop Segment Splice) between Panel Point (PP) 52 and 53 (Cross Beam side Total 19 Nos. T-Ribs) for Horizontal and Vertical Offset & Buckling. The measured readings were recorded on spread sheet, generated the report and submitted to the Task Leader and Engineer for review

Segment# 7CE ~ 7DE

This QA Inspector observed ZPMC personnel's performing at Segment 7CE and 7DE Panel point (PP) 55~56 Transverse Splice weld Flush Grinding is in progress.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

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

Inspected By:	Prabhune,Manoj	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
