

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-008394**Date Inspected:** 30-Jul-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:****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**Summary of Items Observed:**

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

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) Trial Assembly Areas

1AE to 1BE

This Quality Assurance (QA) Inspector inspected along with ABF QA the distortion that occurred at the bottom panel from external side the reading are been recorded the segment to segment weld been checked by 600mm straight edge and rest of area such as bottom panel to side panel connection distortion been checked with 630mm straight edge.

1AW to 1BW

This Quality Assurance (QA) Inspector inspected along with ABF QA the distortion that occurred at the bottom panel from external side the reading are been recorded the segment to segment weld been checked by 600mm straight edge and rest of area such as bottom panel to side panel connection distortion been checked with 630mm straight edge.

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2AE to 2BE

This Quality Assurance (QA) Inspector inspected along with ABF QA the distortion that occurred at the bottom panel from external side the reading are been recorded the segment to segment weld been checked by 600mm straight edge and rest of area such as bottom panel to side panel connection distortion been checked with 630mm straight edge.

2AW to 2BW

This Quality Assurance (QA) Inspector inspected along with ABF QA the distortion that occurred at the bottom panel from external side the reading are been recorded the segment to segment weld been checked by 600mm straight edge and rest of area such as bottom panel to side panel connection distortion been checked with 630mm straight edge.

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

Inspected By:	Math,Manjunath	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
