DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-012519
Date Inspected: 14-Feb-2010

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 700
OSM Departure Time: 1900
Location: Shanghai, China

CWI Name:	Mr. Gong liang zhu			**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.

Bay no. 11

This QA inspector, Baskar Govindarajan, observed, Dent of approximately 6 mm in 60 thk. Parent metal of strut splice plate during random visual inspection. The identification of strut splice found to be SD1-A 5612-22. Photograph of depth measured with bridge cam is attached.

This QA inspector, Baskar Govindarajan, performed, spare strut dimensional inspection of WD1-A 6003-1. The flange to flange distance on both ends of the strut measured at Side A and Side B which was found to be within tolerance limit of 3mm. There were 4 stiffeners of 28thk. on both sides for which distance between stiffener to stiffener found to be within tolerance limit of 3 mm. Bolt hole distance were measured from both ends, on top and bottom sides which was found to be 50 mm on all holes. The clearance between flange to web CJP weld and Stiffener end found to be more than 10 mm on both sides of the strut. Also the slope of weld at the end of stiffeners found to be in 1:1 ratio.

This QA inspector, Baskar Govindarajan, performed, spare strut dimensional inspection of WD1-A 305-65 mtr.-2. The flange to flange distance on both ends of the strut measured at Side A and Side B which was found to be within tolerance limit of 3mm. There were 4 stiffeners of 28thk. on both sides for which distance between stiffener to stiffener found to be within tolerance limit of 3 mm. The clearance between flange to web CJP weld and

WELDING INSPECTION REPORT

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Stiffener end found to be more than 10 mm on both sides of the strut. Also the slope of weld at the end of stiffeners found to be in 1:1 ratio.

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 Skyler Guest - 15000422360, who represents the Office of Structural Materials for your project.

Inspected By:	Baskar,Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer