

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-013787**Date Inspected:** 09-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:** Li Yang**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 Segment**Summary of Items Observed:**

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

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check on Side panel to side panel corner assembly for flatness after repair (heat straightening) for segment. 9CW

Counter weight side:

1050mm to 1400mm from PP79, before repair 7mm and after repair 2mm

250mm to 2790mm from PP 77 towards PP 76, before repair 7mm and after repair 3mm

Cross beam side:

3150mm to 4300mm from PP 77 towards PP 76, before repair 8mm and after repair 2mm

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check on WT stiffener at FL3 locations along with ABF for below segment. Reports forwarded to team leader for further action

7BE - PP 50, PP 51 and PP52

WELDING INSPECTION REPORT

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7BW- PP 50, PP 51 and PP52

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check on WT stiffener at FL3 locations along with QA inspector (Mr. Manoj) for below segment. Reports forwarded to team leader for further action

7DE – PP58

OBG # TRIAL ASSEMBLY YARD

This QA inspector measured root gap and offset for transverse splice between Segment 7CE and 7DE along with QA inspector (Mr. Manoj). Reports forwarded to team leader for further action.

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:	Manikandan,Murugan	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
