

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-014817**Date Inspected:** 07-May-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 along with ABF on U-Rib to check offset for below segment. Reports forwarded to team leader for further action

7EW-8AW

OBG # TRIAL ASSEMBLY YARD

This QA inspector measured and recorded root gap and offset for below segment. Reports forwarded to team leader for further action

7EW-8AW

OBG # TRIAL ASSEMBLY YARD

This QA Inspector performed dimensional survey for the Skin Flatness across Transverse Splice Joints at Location B1, B2, B3, B4, T1 and T2 for Segment 7EE to 8AE along with ABF using 5M string line, 600mm and 630mm

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straight edge. Reports forwarded to team leader for further action. Please find the attached picture below.

OBG # BAY 3 & BAY 7

This QA inspector performed dimensional check on Traveler Rail details as below. Reports forwarded to team leader for further action

11TR2-007

11TR3-011

OBG # TRIAL ASSEMBLY YARD

This QA inspector witnessed final tension verification for Catwalk support of Lift 7E. Witnessed 10% on a random basis the bolts and found the tension to be in general compliance. The panel point and bolt size designations are as follows:

PP48-PP60:

M16 X 40 – DHGM 160020 – 200 NM

M16 X 50 – DHGM 160011 – 200 NM

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

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Reviewed By: Carreon,Albert

QA Reviewer