

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025092**Date Inspected:** 30-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** See below**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, Kelly Leavitt, was present during the times noted above for random observations relative to the work being performed.

Paint Bay 2

This Caltrop QA Inspector witnessed dry film thickness measurements taken on gray primer for inspection request number 7228. The parts that were tested are T-splice plates, L-splice plates and traveler hanger brackets. ZPMC QC and ABF inspection personnel were present during the inspection and informed this QA of their findings. Gray primer thickness results appear to comply with contract documents. (see photos)

SPMC Blast Bay C

This Caltrans QA Inspector observed visual inspection of OBG 13E, internal west section floor and vertical floor beams from PP118 to PP119-1500, prior to initial paint application. ZPMC QC and ABF inspection personnel was present during the inspection of request number 7229 item 1, and it appears the inspected area complies with contract documents.

This Caltrans QA Inspector observed visual inspection request number 7229 item 2 of OBG 13E internal east section floor and vertical floor beams from PP118 to PP119-1500 prior to initial paint application. ZPMC QC and ABF inspection personnel were present during the inspection and rejected this area. Steel is to be re-blasted and re-inspected at a later date.

This Caltrans QA Inspector observed visual inspection request number 7229 item 2 of OBG 13E internal east

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section floor and vertical floor beams from PP118 to PP119-1500 prior to initial paint application. ZPMC QC and ABF inspection personnel were present during the inspection and rejected this area for a second time today. Steel is to be re-blasted and re-inspected at a later date.

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 James Devey 1500026784, who represents the Office of Structural Materials for your project.

Inspected By: Leavitt, Kelly

Quality Assurance Inspector

Reviewed By: Riley, Ken

QA Reviewer
