

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-003537**Date Inspected:** 01-Aug-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:** Changxing Dao, Shanghai**Quality Control Contact:** Steve Lawton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** Sub-Assemblies (OBG).**Bid Item:** 77,78,79**Lot No:****Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Kenneth W. Cason Jr. arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections is to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

Sub-Assemblies (OBG)

L13W Cross Beam Terminal Damaged Area from PP118M to PP119-1.5M, NOI Number 7970: In preparation for undercoat installation and in accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on L13W Cross Beam Terminal Damaged Area from PP118M to PP119-1.5M. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to additional required blasting.

L13W Internal West Ceiling and Vertical of Floor Beams from PP120.5 to PP121M, NOI Number 7972: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13W Internal West Ceiling and Vertical of Floor Beams from PP120.5 to PP121M for final VT compliance. No major discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

L13E Internal East Ceiling and Vertical of Floor Beams from PP120M to PP121M, NOI Number 7973: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the

SOURCE INSPECTION REPORT

(Continued Page 2 of 3)

surface condition on L13E Internal East Ceiling and Vertical of Floor Beams from PP120M to PP121M for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to defects in the applied Interzinc 22 undercoating.

L13E Internal Entire Ceiling and Vertical of Floor Beams from PP119+1.5M to PP120, NOI Number 7973: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13E Internal Entire Ceiling and Vertical of Floor Beams from PP119+1.5M to PP120 for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to defects in the applied Interzinc 22 undercoating.

Cross Beam 19 Internal Entire Floor and Vertical of Floor Beams, NOI Number 7975: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Cross Beam 19 Internal Entire Floor and Vertical of Floor Beams for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to defects in the applied Interzinc 22 undercoating.

L13E Internal East Ceiling and Vertical of Floor Beams from PP120M to PP121M, NOI Number 7976: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on L13E Internal East Ceiling and Vertical of Floor Beams from PP120M to PP121M for final VT compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to defects in the applied Interzinc 22 undercoating.

L13W Cross Beam Terminal Damaged Area (re-blast), NOI Number 7977: In preparation for undercoat installation and in accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on L13W Cross Beam Terminal Damaged Area (re-blast). ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to additional required blasting.

L13W Cross Beam Terminal Damaged Area from PP118 to PP119-1.5M (re-blast), NOI Number 7979: In preparation for undercoat installation and in accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on L13W Cross Beam Terminal Damaged Area from PP118 to PP119-1.5M (re-blast). Test results recorded x3 surface profile readings in the range of 75 to 82 μm . No major discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

Office

This Quality Assurance Inspector (QA) reviewed, recorded and entered data from notice of inspection requests for the purpose of tracking and compliance to contract documents.

Note: Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

SOURCE INSPECTION REPORT

(Continued Page 3 of 3)

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:	Cason,Kenneth	Quality Assurance Inspector
----------------------	---------------	-----------------------------

Reviewed By:	Miller,Mark	QA Reviewer
---------------------	-------------	-------------