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 #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.15

SOURCE INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: SIR-002932
Date Inspected: 19-Nov-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: Changxing Dao, Shangha

Quality Control Contact:	Don Walton	**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) and Office.
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)

Galvanized Traveler Rails (22 Each), NOI Number 5066: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the final coat installation on Galvanized Traveler Rails (22 Each). ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to low dry film thickness (DFT) readings at the L Spline.

Splices, L-Splices and Triangular Plates, NOI Number 5067: 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 Splices, L-Splices and Triangular Plates. No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

12AW OBG Internal Floor from Pre-weld Seam to P.P109 to P.P110 and P.P111, NOI Number 5068: 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 12AW OBG Internal Floor from Pre-weld Seam to PP109 to PP110 and PP111. Recorded x2 soluble salts readings of 26.7 and 19.5

µs/cm. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to required weld repairs and unsatisfactory surface preparation (blasting).

Crash Barrier Internal Surfaces (32 Each), NOI Number 5069: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Crash Barrier Internal Surfaces (32 Each) for dry film thickness (DFT) compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to incomplete caulking installation.

Galvanized Traveler Rails (22 Each), NOI Number 5070: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the final coat installation on Galvanized Traveler Rails (22 Each). No discrepancies noted.

Crash Barriers (24 each), NOI Number 5071: In accordance with project specifications, ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Crash Barriers (24 each) in preparation for blasting operations. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to the presence of oil and grease on substrate.

12AW OBG Internal Floor from Pre-weld Seam to PP109 to PP110 and PP111, NOI Number 5072: 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 12AW OBG Internal Floor from Pre-weld Seam to PP109 to PP110 and PP111. Recorded x6 surface profile readings in the range of 78 to 84 µm. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to unsatisfactory surface preparation (blasting).

12AW OBG Internal Floor from Pre-weld Seam to PP109 to PP110 and PP111, NOI Number 5073: 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 12AW OBG Internal Floor from Pre-weld Seam to PP109 to PP110 and PP111. Recorded x6 surface profile readings in the range of 78 to 84 µm. No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

Office

Attend to report writing and photo documentation.

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

Summary of 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 , who represents the Office of Structural Materials for your project.

SOURCE INSPECTION REPORT

(Continued Page 3 of 3)

Inspected By:	Cason,Kenneth	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer