

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001297**Date Inspected:** 14-Sep-2009**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:** Changxing Dao, Shanghai**Quality Control Contact:** William (Bill) Oak**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:** Office, Lift 4 East, Lift 3 East, Lift 4 West, Lift 3 West**Bid Item:** 77, 78, 79**Lot No:** B265**Summary of Items Observed:**

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

Office

Attend to project documentation and draft bi-weekly summary for Painting operations as requested by SMR Skyler Guest.

Lift 3 East, Lift 4 West, Lift 3 West, Lift 4 East

Yard walk with SMR Skyler Guest to view on going in process repairs and applied Finish coat Interfine 979 on external surfaces. Observed repairs in process and application of Interzinc 22 of Floor areas inside Lift 3 East.

Proceeded to Lift 4 East on transport ship and observed in process abrasive blasting operations to East side plate to amend outstanding NCR for excessive Dry Film Thickness (DFT) and Non-Uniform appearance of previously applied Finish coat.

ABF Office

Caltrans QA Lumley review and sign ZPMC QC reports and Notice of Inspections.

Note: All inspections were performed jointly with ABF & ZPMC QA/QC representatives and Caltrans QA Lumley when achievable. International Protective Coatings technical service representative were available for inspections and consultation.

Summary of Conversations:

Caltrans QA Lumley inquired with ABF QA Bill Oak as to why no Notice of Inspections were sent by ZPMC for any work/repairs associated with Lift 4 East since loaded upon the ship.

SOURCE INSPECTION REPORT

(Continued Page 2 of 2)

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 Eric Tsang. (858) 699-9549, who represents the Office of Structural Materials for your project.

| | | |
|----------------------|--------------|-----------------------------|
| Inspected By: | Lumley,James | Quality Assurance Inspector |
|----------------------|--------------|-----------------------------|

| | | |
|---------------------|----------------|-------------|
| Reviewed By: | Carreon,Albert | QA Reviewer |
|---------------------|----------------|-------------|