

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-001248**Date Inspected:** 28-Jul-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, Bikeway Brackets, Counterweights, L**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

Review project documentation with SMR Skyler Guest, also perform site walk with Skyler and display dehumidifiers in use at trial assembly areas for welding purposes inside segments.

L4E

International Protective Coatings representative Mike Holman onsite today to examine L4E exterior surfaces with lap marks of dry-spray and other non-uniform Interfine 979 areas for recommendations to repair and prevent future re-occurrence. The report is pending from Mr. Holman.

Bikeway Brackets

Bracket codes: BK001-001, BK001-004, BK001-005, BK001-007, BK001-009, BK001-011, BK001-014. Joint final inspection performed on these units and found to be substantially completed prior to transport from paint shop.

Counterweights

Code numbers as follows: CW22, CW32, CW44, were given a final inspection and CW22 only was accepted as substantially completed prior to transport from paint shop. CW32 & CW44 both had minor repairs to be performed as well as confirmation of trial assembly prior to acceptance.

Miscellaneous Metal

Base metal surfaces of approximately 295 pieces of splice plates and other plates were de-greased in accordance

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with SSPC SP-1 in preparation of abrasive blasting.

Reviewed the ZPMC RFI with SMR Skyler Guest, for the use of an alternative abrasive for blasting operations outside of the paint shops in trial assembly areas.

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

Summary of Conversations:

Caltrans QA Lumley inquired with SMR Skyler Guest regarding "Green Tagging" of completed painted items. Skyler then contacted Mazen Wahbeh and informed QA Lumley no "Green Tagging" on painted items.

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
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Reviewed By:	Carreon,Albert	QA Reviewer
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