

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 #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001434**Date Inspected:** 20-May-2009**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:** 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:** East Tower Lift#1, OBG 1AE, Miscellaneous**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:

East Tower Lift #1

ABF directed ZPMC to cease abrasive blasting operations to interior surfaces.

Miscellaneous Metal

Base metal surfaces of cable tray assemblies, fill plates, splice plates upper-corner unit sub-assemblies and traveler brackets were abrasive blasted to an SSPC SP-10 condition and Interzinc 22 applied.

ONG 1AE

ZPMC checked exterior surfaces coated with Interzinc 22 prior to application of Interfine 979 "mist" coat application. Application of Interfine was delayed due to improper ambient conditions.

Note: All inspections were performed jointly with ABF & ZPMV QA/QC representatives and Caltrans QA Lumley and International Protective Coatings technical service representatives Peng ZiLi and Alpha Chen.

Office Work

Review and sign ZPMC backlog of inspection reports. Return to Caltrans office and resume TL-6034 reporting as well as sorting and organizing job binder files.

Summary of Conversations:

No relevant conversations on this date.

SOURCE INSPECTION REPORT

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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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