

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-001514**Date Inspected:** 07-Mar-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:** OBG 2BE, OBG 2AE**Bid Item:** 77, 78, 9**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:

OBG 2BE & OBG 2AE

Joint three party inspection was performed with ZPMC QC representatives ABF QA David Dong and Caltrans QA Lumley. Base metal faying surfaces of floor beam "T" stiffener brackets were re-blasted to and SSPC SP-10 condition. Profiles were obtained and found to be within the parameters specified in both the contract documents and the coating manufacturer's recommendations. Profiles ranged between 68-85um. Ambient conditions were monitored by both ZPMC and ABF QA/QC representatives and were within the parameters specified by both the contract documents and the coating manufacturer's recommendation. Application of Interzinc 22 commenced upon the abrasive blasted base metal surfaces. These areas were previously abrasive blasted and not coated due to improper ambient conditions within the fabrication shop.

Summary of Conversations:

No relevant discussions on this date.

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.

SOURCE INSPECTION REPORT

(Continued Page 2 of 2)

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

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