

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-002383**Date Inspected:** 09-Jan-2010**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:** 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:** Coating Inspection**Bridge No:** 34-0006**Component:** Office, OBG 8BW, OBG 7CW**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:

OBG 8BW

External surfaces underwent required testing of undercoated surfaces prior to application of Interfine 979 "Mist" coat. MEK, Pencil Hardness and Chlorides were all within the specified values of the contract documents and in general compliance.

OBG 7CW

Internal base metal surfaces were abrasive blasted for a pre-blast and VT inspection of welds and base metal surfaces. Internal areas from the end weld seam including panel points 54 & 55 floor areas were mapped of deficiencies by Caltrans QA inspectors Tim McClendon, Hirachi Patel, and Subhasis Bera. Also it was observed that ZPMC personnel applied a fine mist coat of water to the external undercoated surfaces within the blasting workshop utilizing a conventional spray apparatus.

Office

Attend to project documentation and upload of reports.

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:

SOURCE INSPECTION REPORT

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Caltrans QA Lumley was informed today by International Protective Coatings technical service representative Mr. Wenbo Chen that they were performing Lead Paint Removal operations on a container crane using high pressure waterjetting onsite at the ZPMC facility, the crane was located directly over the Trial Assembly area where Caltrans SAS Bridge project was located. Caltrans QA Lumley informed Task Leader Mahlon Lindenmuth of situation.

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:	Peterson,Art	QA Reviewer
