

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 #: 50.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001417**Date Inspected:** 05-Nov-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), Jiangyin**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 6AW, OBG 6CW, Lift 3 West, Lift 4 W**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 6AW

Segment still in Paint shop #1 no work being conducted at this time.

OBG 6CW

Segment located inside Blast shop #1 ZPMC actively performing abrasive blasting operations.

Lifts 3W & 4W

Being offloaded from Transport Ship#17 for additional NDT verification. ZPMC personnel are currently installing access scaffold at Cross Beam/FL-3 terminations Finish coat already damaged on F side plate.

OBG 6CW

Internal surfaces of the Side Plates and Bottom Plates and "T" Stiffeners and lower sections of Floor Beam Diaphragms Base Metal surfaces were abrasive blasted to an SSPC SP-10 condition and Interzinc 22 applied from Panel Points # 44, 45 to end weld seam.

Lift 2 East & West

ZPMC personnel performing touch up and repairs to internal surfaces Caltrans QA Lumley observed ZPMC applying Interzinc 22 via air-spray to internal surfaces of Lift 2 East. Caltrans QA Lumley telephoned ABF Don Walton and inquired as to Notice of Inspection submitted for this work operation to which there were none performed.

Note: All inspections were conducted jointly with ABF & ZPMC QA/QC representatives and Caltrans QA

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Lumley when achievable. International Protective Coatings technical service representative were available for inspections and consultation.

Summary of Conversations:

Caltrans QA Lumley informed ABF QA Don Walton of coating operations on Lift 2 East and inquired as to a Notification for this work.

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
