

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-002210**Date Inspected:** 25-May-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:** Shanghai, China**Quality Control Contact:** Mr. 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:** See Below**Bid Item:** 77, 78, 79**Lot No:** B #204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE II coating inspector, Mr. Baskar Govindarajan 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 II coating inspector observed the following:

1. An inspection was requested on the East Tower, Lift 1-inside surfaces for Degreasing and cleaning inspection before blasting, vide request no. T 476 at Port no. 5 (Heavy Dock Jetty). This Caltrans inspector observed, ABF inspectors Mr. Yui and Mr. Turtle performing said inspection check. It was observed that, these internal surfaces were accepted by ABF Inspectors after degreasing and cleaning by ZPMC personnels.

2. An inspection was requested for the DFT Check of North tower, Lift 1 internal connection splices -5 nos(N-SA97, N-SA105, N-SA106, N-SA108, N-SA109) and The Shim plate of North tower, Lift 1 internal connection splice- N-SA175 -1 Piece, vide request no. T 477 at Blasting workshop no.4. This Caltrans inspector observed, ABF inspectors Mr. Don Walton, Mr. Sun and Mr. Turtle performing said inspection check. The DFT found to be in the range of 66 to 129 which is acceptable as per Contract documents. It was observed that all 6 pieces of this splice plates have been rejected by ABF Inspectors for missing Primer touch up works in some of the holes. Ambient conditions were monitored and the relative humidity found to be 55.5%. Photograph of Inspection under progress by ABF Inspectors is attached. International protective coatings technical service representative was not found present during the course of this inspection process.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract

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documents.



Summary of Conversations:

No applicable conversations

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 Skyler Guest (15000422360), who represents the Office of Structural Materials for your project.

Inspected By:	Baskar, Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
