

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002919**Date Inspected:** 25-Oct-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:** Coatings Inspection**Bridge No:** 34-0006**Component:** 11DE and 11DW, CB 14, OBG Sub-Assembly**Bid Item:** 77, 78, 79**Lot No:****Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Kenneth W. Cason Jr. arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections is to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

11DE and 11DW Cross Beam Bottom Plate, (NOI Number 4688): In preparation for blasting and painting operations and in accordance with SSPC-SP 1 requirements, 11DE and 11DW Cross Beam Bottom Plates were tested by ABF and ZPMC QA/QC for the presence of grease and oil. No grease or oil was detected and ABF QA directed ZPMC to precede work to the next scheduled check point.

CB 14 Cross Beam External and Internal Surfaces, (NOI Number 4689): In preparation for blasting and coating operations and in accordance with SSPC-SP 1 requirements, ZPMC and ABF QC staff conducted a visual observation of CB 14 Cross Beam External and Internal Surfaces for the presence of grease or oil. ZPMC and ABF QC recorded work as acceptable after additional water rinse is conducted. ABF will verify water rinse prior to proceeding to the next scheduled check point.

OBG Sub-Assembly

CW86 and CW88 Counterweight External Surface, (NOI Number 4690): In accordance with SSPC-SP 1 requirements, ZPMC and ABF quality control staff conducted a visual observation of CW86 and CW88, Counterweight External Surfaces. This observation included surface preparation for top coat application of

SOURCE INSPECTION REPORT

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Interfine 979. ZPMC and ABF QC recorded surface preparation as acceptable subject to additional cleaning of surface prior to final coat installation. ABF will verify surface condition prior to proceeding to the next scheduled check point.

Office

Attend to report writing and photo documentation.

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

Summary of 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 , who represents the Office of Structural Materials for your project.

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| Inspected By: | Cason,Kenneth | Quality Assurance Inspector |
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| Reviewed By: | Miller,Mark | QA Reviewer |
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