

**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-001381**Date Inspected:** 10-Dec-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), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Bill Oaks**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:****Bridge No:** 34-0006**Component:** OBG Components**Bid Item:****Lot No:** B 278**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) S. Manjunath. Math was present during the times noted above for observations relative to the work being performed.

Inspection for Surface Preparation and/or Coating Application.

OBG Internal Ceiling Inspection Request No. 2182

A joint two party inspection was performed by ABF Mr. Bill Oaks, Mr. Shi Zhaoyuan, Mr. Zhou Wei, Mr. Wei Chang Yun, Mr. Jiang Huan, Mr. Zili Peng (International Paint) and Caltrans QA for the OBG Internal Ceiling from the weld seam from Panel Point (PP) 51 to PP 52 for Surface Preparation prior to Primer Coat Application and Residual Chloride Test for Segment 7BW at Blasting workshop No. 1.

Inspection Conclusions: Rejected by ABF QA and recommended minor re-blasting and Caltrans QA concurred with the ABF QA Inspection.

OBG External Surface Inspection Request No. 2183

A joint two party inspection was performed by ABF Mr. Bill Oaks, Mr. Wei Chang Yun and Caltrans QA for the OBG External Surface Side plates (East and West) for Lift 1 East for Surface Preparation prior to Finish coat application.

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Inspection Conclusions: Rejected by ABF QA as Ambient Conditions are not meeting the Specification and Caltrans QA concurred with the ABF QA Inspection.

OBG Internal Ceiling Inspection Request No. 2184

A joint two party inspection was performed by ABF Mr. Bill Oaks, Mr. Shi Zhaoyuan, Mr. Zhou Wei, Mr. Wei Chang Yun, Mr Jiang Huan, Mr. Zili Peng (International Paint) and Caltrans QA for the OBG Internal Ceiling from the weld seam from Panel Point (PP) 51 to PP 52 for Surface Preparation prior to Primer Coat Application and Residual Chloride Test for Segment 7BW at Blasting workshop No. 1.

Inspection Conclusions: Accepted by ABF QA and Caltrans QA concurred with the ABF QA Inspection.

Splice and Suspender Brackets and Cat Way Accessories Inspection Request No. 2185

A joint two party inspection was performed by Mr. Shi Zhaoyuan, Mr. Zhou Wei, Mr. Wei Chang Yun, Mr Jiang Huan, Mr. Zili Peng (International Paint) and Caltrans QA for the Splice, Suspender Brackets and Cat Way for Surface Preparation prior to Primer Coat Application and Residual Chloride Test for Splice, Suspender Brackets Re-blasting and Cat Way Accessories (the items are as following).

Splices

X38L-56 Nos.

X1A-12 Nos.

X2B-45 Nos.

GGL-MQ-1436-40 Nos.

M201D- 12 Nos.

X140H-2 Nos.

X141E-1 No.

X24B-6 Nos.

X26B-6 Nos.

X27A-22 Nos.

X3P-770 Nos.

Suspender Brackets Re-blasting

SB16W and SB26W

Cat Way Accessories

GGP-S

Inspection Conclusions: Accepted by ABF QA after minor Grinding and Re-blasting Caltrans QA concurred with the ABF QA Inspection.

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OBG External and Internal Surface Inspection Request No. 2186

A joint two party inspection was performed by Mr. Wei Chang Yun, Zili Peng (International Paint) and Caltrans QA for the OBG External and Internal Surface for Segment 8AE for Degreasing

Inspection Conclusions: Accepted by ABF QA and Caltrans QA concurred with the ABF QA Inspection.

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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| <b>Inspected By:</b> | Math,Manjunath | Quality Assurance Inspector |
| <b>Reviewed By:</b>  | Miller,Mark    | QA Reviewer                 |

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