

**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-000543**Date Inspected:** 17-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 0**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 12**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Changxing Dao, Shanghai

<b>Quality Control Contact:</b>	ABF Paint Supervisor William (Bill) [Name obscured]	<b>Quality Control Present:</b>	Yes	No
<b>Material transfer:</b>	Yes No N/A	<b>Sampled Items:</b>	Yes No N/A	
<b>Stock Transfer:</b>	Yes No N/A	<b>OK to Cut:</b>	Yes No N/A	
<b>Rebar Test Witness:</b>	Yes No N/A	<b>Delayed/Cancelled:</b>	Yes No N/A	

**Other:** Surface Preparation and Coatings Application**Bridge No:** 34-0006**Component:** OBG 2BE**Bid Item:** 79, 80, 81**Lot No:** B226**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Donald Jordan 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:

The following inspection were performed by Caltrans QA Coatings Inspector Jordan, American Bridge/Fluor Enterprises, a JV (ABF) QC Zhou Qun Song (Joe), ABF QC Shi Zhaoyuan (Stone), ABF QC Zhou Wei, International Paint Onsite Technical Services Engineer Peng Zi Li, Zhenhua Port Machinery Company, LTD (ZPMC) Production Manager Bevin Dong, ZPMC QC Manager Xia Yong, ZPMC QC Zhang Diang, ZPMC QC Dong Yao Fei and ZPMC QC Guo Wan Li.

OBG 2BE

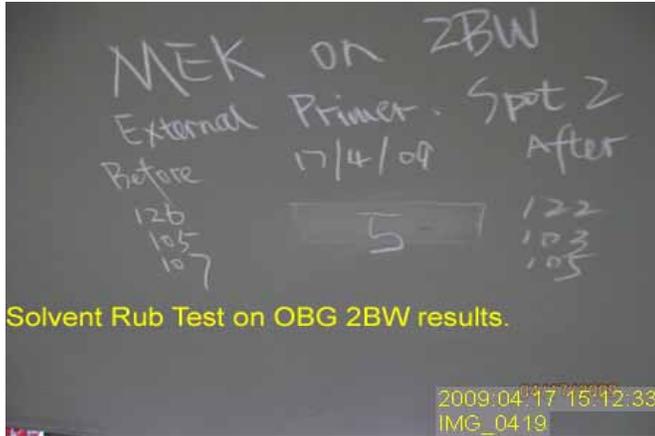
Caltrans QA Coatings Inspectors received a Notice of Inspection to attend a joint inspection with ABF and ZPMC QC for surface preparation acceptance on OBG 2BE internal ceiling and diaphragms. ABF requested that the Caltrans welding staff be notified to perform VT inspection after blast. Areas requiring grinding were identified and marked by QC and QA staff. Caltrans QA Weld Inspector's Rodney Patterson and Eric Prue performed VT inspection to locate and mark any weld repairs required. The weld repair spots were identified by placing tape over the area so it can be located after primer application. After the inspection was complete, grinding was performed. Abrasive blasting of the area was performed again. Another surface preparation inspection was performed after blasting is complete. A few spots of grinding were required to remove arc strikes, sharp edges, dings in the substrate that left sharp edges sticking up, and edge conditioning required by the Project Special Provisions Section 10-1.69. After the grinding is completed the surfaces were re-blasted to meet the SSPC SP10 Contract requirements. Ambient conditions were within Contract required parameters.

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# SOURCE INSPECTION REPORT

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## Summary of Conversations:

There were no relevant conversations on this date.

## 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 Mazen Wahbeh (China) +8613472477571, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Jordan,Don	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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