

**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-001477**Date Inspected:** 23-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**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 4BE, OBG 3AE, OBG 3AW, Miscellaneous**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 3AE

ZPMC resume edge trimming and thermal cutting process. Heat affected zone damaged applied Interzinc 22 re-blasting and re-application required.

OBG 3 AW

ZPMC personnel install stiffeners beneath cantilever section of road deck plate dross and weld spatter and heat affected zone damages to applied Interzinc 22 re-blasting and re-application required.

OBG 4BE

ZPMC relocated this segment to in front of the fabrication shop to the blast/paint work shop, fabrication incomplete at this time.

Miscellaneous Metal

Large quantity of angle iron and splice plates currently laid out in blasting workshop ZPMC personnel performing edge conditioning and grinding operations as directed by ZPMC QC representatives.

OBG 4AE

ZPMC personnel performing in process abrasive blasting operations to the interior base metal surfaces abrasive blasting operations were incomplete during this shift.

**Summary of Conversations:**

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# SOURCE INSPECTION REPORT

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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 Eric Tsang (858)-699-9549, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Lumley,James	Quality Assurance Inspector
<b>Reviewed By:</b>	Miller,Mark	QA Reviewer

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