

**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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023672**Date Inspected:** 19-Mar-2011**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**CWI Name:** Geng Wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Structure**Summary of Items Observed:**

Description of Incident During the Quality Assurance Visual Testing (VT) follow up of APBB1 Bearing Block's located in Bay 14, this Quality Assurance Inspector (QA) Manuel Teall discovered the following issues:

- 1) - This QA visually observed multiple bearing blocks with damage to the edge of the blocks due to poor handling. See pictures below.
- 2) - This QA visually observed Bearing Block 057-1 placed into position on Anchor Plate Assembly AP3031 before all the weld repairs have been completed.
- 3) - This QA visually observed Bearing Block 057-1 placed into position on Anchor Plate Assembly AP3031 prior to this Anchor Plate Assembly being affixed with a green tag due to items that required corrective action (outstanding cope hole issues).

**VISUAL INSPECTION**

This QA Inspector Manuel Teall performed a random visual inspection on OBG APBB1-Bearing Blocks .the blocks are located in Bay 14 And in the paint bay .All visual defects were marked and ZPMC QC was notified .

**Summary of Conversations:**

No relevant conversations were reported 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 150-0042-2372, who represents the Office of Structural Materials for

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# WELDING INSPECTION REPORT

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your project.

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<b>Inspected By:</b>	Teall,Manuel	Quality Assurance Inspector
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<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer
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