

**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-024805**Date Inspected:** 25-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Li Yang ZPMC**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:** 13BE, CE and 13CW**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Robert A. DeArmond was present during the time noted above and conducted observations relative to the work being performed.

OBG13BE~13CE

## SPMP BLAST SHOP C

During the Quality Assurance Visual Testing (VT) of Post blast inspection; this QA inspector performed a visual inspection on internal box surfaces. The areas that were presented to this QA inspector was between PP 120.0 to PP125.0, between the longitudinal diaphragms, Bottom Plate, and Floor Beams. This QA inspector found multiple areas requiring additional grinding, and cleaning. The areas that only required grinding were marked for repair, and the ABF Quality Control / Quality Assurance was notified of the locations marked. The information was transferred to the appropriate weld maps and post blast inspection report and sent to the appropriate personnel for tracking and punch list.

OBG13CW

## BLAST SHOP 4.

During the Quality Assurance Visual Testing (VT) of Post blast inspection; this QA inspector performed a visual inspection on internal box surfaces. The areas that were presented to this QA inspector was between PP 122 to PP 123, Side Plate, Rib Stiffeners, Floor Beam, and Edge Beam. This QA inspector found multiple areas requiring additional grinding, and cleaning. The areas that only required grinding were marked for repair, and the ABF

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Quality Control / Quality Assurance was notified of the locations marked. The information was transferred to the appropriate weld maps and post blast inspection report and sent to the appropriate personnel for tracking and punch list.

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



### Summary of Conversations:

As mentioned above between QA and QC concerning this project

### 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 Jim Devy 150-002-6784, who represents the Office of Structural Materials for your project.

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| <b>Inspected By:</b> | DeArmond,Robert | Quality Assurance Inspector |
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| <b>Reviewed By:</b> | Riley,Ken | QA Reviewer |
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