

**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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-014597**Date Inspected:** 20-May-2010**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:** Xu tao / Zhou zhongai**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 Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

This QA inspector performed 10% UT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as U-rib slice and FL-3 Bottom plate. The weld designations reviewed are as follows: NWIT-005775.

USPL1-619.

USPL1-607.

USPL1-641.

USPL1-626.

USPL1-559.

USPL1-637.

USPL1-624.

USPL1-625.

USPL1-627.

USPL1-606.

BK004A1-013,014.

OUTSIDE SHOP

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10AW

This QA inspector performed 100% MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as Segment 10AW. The weld designations review

DP154-001-122~141.

DP181-001-100~141.

DP208-001-100~141.

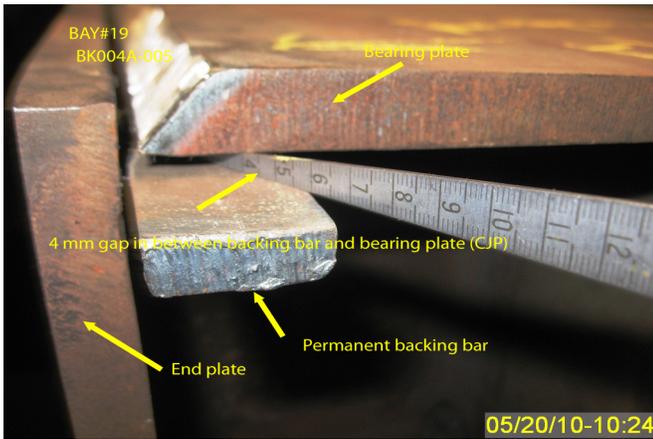
SSD12-PP88-004.

BAY#19

Bearing plate fit-up of BK004A-002 is in process.

During random visual inspection of weld joint fit-up of BK004A-005 it is found that the gap of backing bar in between the bearing plate and edge plate complete joint penetration. It is informed to ZPMC QC MR. Zhou cheng for further rectification.

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



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**Summary of Conversations:**

No relevant Conversation.

**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-15--0042-2372, who represents the Office of Structural Materials for your project.

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

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