

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-017945**Date Inspected:** 19-Oct-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**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

Visual inspection of cleaning of bike path BK004A-007 before fit-up of end closure plate is carried out. Areas requiring additional grinding and cleaning were marked by QA and repaired by ZPMC personnel.

ZPMC QC NDT personnel performing MT of bike path bottom cover plate is identified as BK004A-008.

This QA inspector performed VT of cleanliness of welds and internal areas of Bike path closure box before install the top cover plate BK006A-001. Areas requiring additional grinding and cleaning were marked by QA and repaired by ZPMC personnel.

This QA inspector performed MT 15% 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 OBG Bike path.

The weld designations reviewed as follows.

BK004A-006

BK004A2-006-001,005,006,009,012

BK004A3-006-010,017,020,022,032,034,041

BK004A4-006-009,019,022,024,031,032,034,047

BK004A5-006-003,005,006,008

BK004A6-006-021,213,212,033,041,202,207,150,152,155,125,072,073

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BK004A-011

BK004A2-011-002,008,013,014,016,018,019,020,021

BK004A2-011-015,017 – 3 reject able indication found in plug welds ask ZPMC to make CWR.

BK004A-004

BMR locations on Deck plate

This QA inspector performed VT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an VT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A6-006-004,006,009,011,003,005,008,010,025,027,037,039

BK004A3-006-065,100,067,101,068,102,069,103,070,104,071,105

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.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
