

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-005919**Date Inspected:** 03-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Hu Wei Jing**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 time noted above for observations relative to the work being performed.

SEG # 4AE

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Segment Deck Panel .The weld designations reviewed as follows:

SSD10A-PP026-36,37,34,35.

SSD10--PP026-41,42,39,40,53,54,55,56.

SSD22-PP26.5-87,88,89,90,63,64,65,66,43,44,45,46.

SSD11-PP027-39,40,41,42,53,54,55,56.

SSD11A-PP027-38,39,40,41.

SSD-PP27.5-43,44,45,46,81,82,83,84,87,88,85,86.

SSD12-PP028-30,32,34,35,44,45,46,47

SSD12A-PP028-30,31,32,33.

SSD21-PP028.5-45,46,47,48,87,88,86,85.

Corner

SSD22-PP26.5-130,132.

SSD10A-PP026-139,141,143,145,147,149.

BAY#02

WELDING INSPECTION REPORT

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@On going SMAW Welding of Weld Joint 4G- 004 Located on SEG3A Welder no indentified as 066413 and The welding variables recorded by QC ZMPC to comply with the WPS-345-SMAW-4G-Repair carried out according to WRR-BWR2659.

@@On going FCAW Welding of Weld Joint 2F-07.028 Located on FB004-039 Welder no indentified as 045209 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2132-3.

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

Summary of Conversations:

No Relevant Converstaion.

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 your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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