

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-001205**Date Inspected:** 26-Nov-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	ZPMC- Cai Xin Xin and Zhou Dong	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:** Bay 2-witness Quality Control-MT inspection**Summary of Items Observed:**

On this date, the Caltrans Quality Assurance (QA) representative, John P. Tracy, conducted assessments while on site at Zhenhua Port Machinery Company (ZPMC) for Caltrans Project 04-0120F4-SAS. The following is the detailed review of the following observations:

Bay 2: 89m mock-up has the following components are being Dry Magnetic Particle Testing (DMT) inspected: MUSB-MA36 for weld numbers -5, -6, -13 and -14, MUSB-MA33-9, MUSB-MA37-3 and -4 plus MUSB-MA30-21 and -26. All welds examined were in the final cover pass.

On component MUSB-MA36, the ZPMC DMT inspectors, Zhou Dong Yun and Cai Xin Xin, noted linear indications at the toes of the welds so ZPMC personnel took a mechanical grinder and performed light blend grinding. Inspectors reexamined the areas and accepted the welds. The inspections that were observed appeared to be in accordance with the criteria set forth within the contractual documents

No other activities were observed.

Included below are digital pictures that support the observations recorded within this report.

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Summary of Conversations:

At the completion of the above stated operations, the ZPMC Non Destructive Evaluation (NDE) Inspectors, Cai Xin Xin and Zhou Dong Yun, reported that the parameters followed and their noted results were found to be in accordance with the criteria set forth within the contractual documents.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials

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for your project.

Inspected By:	Tracy,John	Quality Assurance Inspector
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Reviewed By:	Cuellar,Robert	QA Reviewer
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