

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-000506**Date Inspected:** 24-Sep-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Arbin Huang & Zu Liang Zhang			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:	114		

Summary of Items Observed:

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related to the following;

Item-1 Witnessed an MT test performed by Cai Xin Xin on 114 MUSC-MA109-1 root weld PJP #5 & 6 of stiffener plate MP1010-1. QC present was Zhang Qiao and the CWI's were Arbin Huang & Xu Liang Zhang. The Caltrans QA Inspector MT was in compliance with project specifications.

Item-2 Witnessed an MT test performed by Cai Xin Xin on 114, Skin-D, lower section, inside face, cover pass, weld #1 of plates MP1016-1 to MA110 as well as the areas where the lifting devices were welded and ground smooth with no relevant indications noted. Also observed an MT test performed by Zhou Dong Yun of weld #2 on the outside face as well as the areas ground smooth where the lifting devices had been welded with no relevant indications being noted. Caltrans QA Inspector performed an MT test and found it to be in compliance with the project specifications.

Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

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 for your project.

WELDING INSPECTION REPORT

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Inspected By:	Smith,David	Quality Assurance Inspector
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Reviewed By:	Cochran,Jim	QA Reviewer
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