

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-000455**Date Inspected:** 17-Sep-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 2330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 800**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Lu jian ping & Li we sheng	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:	Caltrans Mockup	

Summary of Items Observed:

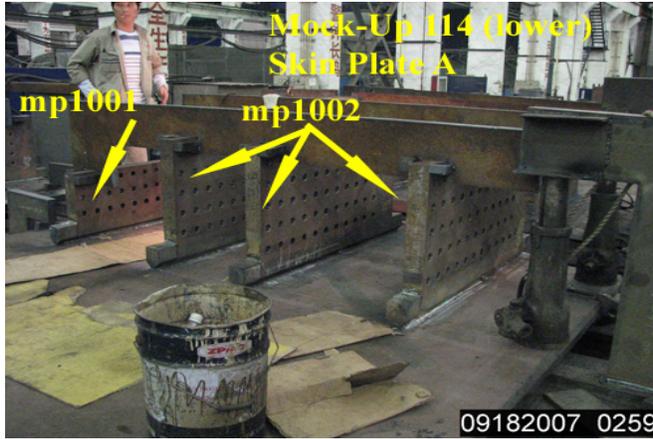
Caltrans Quality Assurance (QA) Inspector, Mike Hasler was present to observe the fitup, welding and related activities associated with the fabricating of Caltrans Mock-up, 77M, 89M and 114M, for the San Francisco Oakland Bay Self Anchored Suspension Bridge, at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

Item	Description	WBS	Dwg No.	Status
1	Skin Plate A (lower)	NA	NA	Work In Progress

Mock-Up 114M, Skin Plate A (lower): Caltrans QA Inspector observed ZPMC shop personnel perform, weld joint preparation after weld backgouge, at complete joint penetration welds, connecting stiffener plates to the skin plate. The stiffener plates are identified as mp1002 (welds 1, 2, 3) and 1001 (weld 4). After the weld preparation was completed by ZPMC. The ZPMC QA inspector, Mr. Zhang Jin di informed Caltrans QA Inspector that ZPMC QC/CWI inspector, Mr. Li Jian Ping has completed visual inspection of backgouge weld preparation and found them to be in compliance. Caltrans QA Inspector observed that the backgouged surfaces appeared to be smooth, ground to bright metal, weld bevel profile and appear to be in conformance with contract specifications. Following digital pictures illustrate the inspected assembly typical ground surfaces and weld joint profile.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

As identified within the contents of this report.

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.

Inspected By:	Hasler, Mike	Quality Assurance Inspector
Reviewed By:	Cuellar, Robert	QA Reviewer
