

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-003453**Date Inspected:** 01-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	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 deck panels, tower skin plates	

Summary of Items Observed:

Heavy Duty Machine Shop – Bay 3

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final magnetic particle inspection (FMT) on the following deck panels: DP-030-001, DP-070-001, and DP-075-001. No apparent indications were observed. ABF QC Kevin Chen was present. QA Inspector made notation of FMT and QA Inspector's acceptance on the yellow tags attached to each deck panel noted above. No welding was being performed.

Tower Shop – Bay 1

QA Inspector performed a final magnetic particle inspection (FMT) of the following welds:

SSD1-SA173A/K-13B, SSD1-SA173A/K-14B, SSD1-SA173A/K-15B, SSD1-SA173J/K-9B,

SSD1-SA173K/K-14B. No apparent indications were observed. QA Inspector agreed with ZPMC CWI's acceptance and made notation of FMT and QA Inspector's acceptance at each location.

Tower Shop – Bay 2

QA Inspector performed a final magnetic particle inspection (FMT) of the following welds:

ESD1-SA80B/E-11A, ESD1-SA80B/E-12A, ESD1-SA80B/E-13A, ESD1-SA80B/E-24A, ESD1-SA80B/E-16,

ESD1-SA80B/E-17, ESD1-SA80B/E-18, ESD1-SA80B/E-19, ESD1-SA80B/E-20, ESD1-SA80B/E-21,

ESD1-SA80B/E-22, ESD1-SA80B/E-23. No apparent indications were observed. QA Inspector agreed with ZPMC CWI's acceptance and made notation of FMT and QA Inspector's acceptance at each location.

Summary of Conversations:

WELDING INSPECTION REPORT

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QA Inspector informed ABF QC Kevin Chen of QA Inspector's acceptance of the FMT of the OBG deck panels as noted above.

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 Joshua Ishibashi, 136-6471-0411, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet, George	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
