

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-015819**Date Inspected:** 20-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**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	

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance (QA) Inspector Umesh Gaikwad was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

Bay # 08, Bike Path

During random in process inspection this QA inspector observed that ZPMC NDT personnel were performing Magnetic Particle Testing (MT) on the fillet welds of bike path assemblies. The members are identified as OBG components and the weld designations reviewed are as follows.

BKX10A(055)

BK004A6-055-068, 112, 113, 74, 75

BK004A7-055-9, 10, 11, 12

Outside Yard – SEGMENT # 11BE.

Notification No: 06235 (SEGMENT TAGGING)

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% and random Visual Testing (VT) of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector has generated MT report for this date. The member(s) are identified as OBG components. The weld

WELDING INSPECTION REPORT

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designations reviewed are as follows:

SSD16-PP98 – 060, 078, 020, 022, 091, 093, 095

SSD16A-PP98 – 037, 039, 041, 049, 051, 108, 110

SSD24-PP98.5 – 081~084, 049~052, 039~042

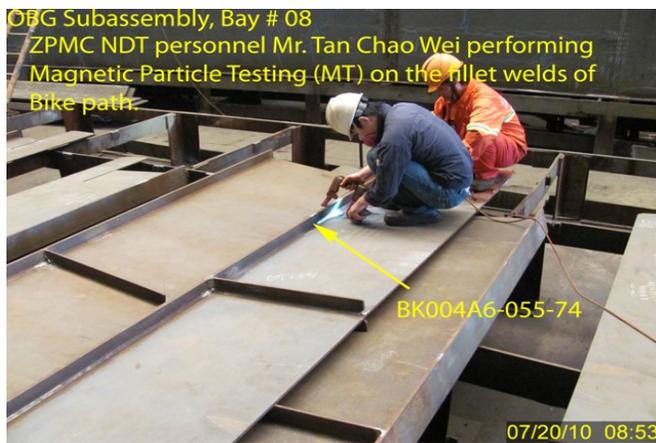
SSD17-PP99 - 025, 027, 061, 063

SSD17A-PP99 – 050, 052, 111, 113, 040, 042, 098, 100, 105, 106, 107, 047, 049, 051, 109, 039, 041, 043, 101, 099, 097

SEG068C-PP98 – 040, 042, 005, 056, 038, 039

SEG068C-PP99 – 003, 004, 031, 032, 033, 044, 054, 055

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



Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

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 : 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Gaikwad,Umesh	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
