

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019176**Date Inspected:** 26-Dec-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**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
Bridge No:	34-0006	Delayed / Cancelled:	Yes	No N/A
		Component:	OBG and Tower Components	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance Inspector (QA Inspector) George Goulet was present during the times noted above for observations relative to the work being performed.

Bay 11

This QA Inspector randomly observed no welding related work in progress in Bay 11. However, various drilling operations were being performed including drilling inside East tower, lift 4, attaching ladders and handrails, drilling unidentified angles and drilling PCMK WD1-BPSA5-5(SW14) through using magnetically attached drill presses. See photo below.

Bay 10

This QA Inspector randomly observed no welding related work in progress in Bay 10.

OBG Trial Assembly Area

This QA Inspector randomly observed no welding related work in progress in the OBG Trial Assembly Area.

However, match drilling operations were being performed on various OBG splice plates and through previously drilled holes in OBG Segment 12AE FL3 web plate bottom angle and into the bottom plate, all using magnetically-attached drill presses.

ZPMC workers performing jacking operations under the bottom plate of OBG PCMK Segemnets 12AW and 12 BW.

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Heavy Dock

This QA Inspector randomly observed no apparent work being performed on the Heavy Dock.

Bay 14

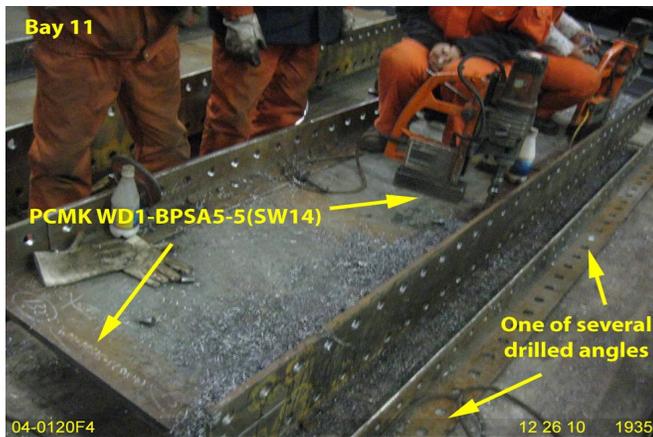
This QA Inspector proceeded to Bay 14 in response to ZPMC request #07941 for magnetic particle testing (MT) inspection of the following:

This QA Inspector performed random visual testing (VT) and then MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member was identified as follows:

OBG Section 13AE, DP3076-001. The weld designations reviewed were: 288, 295, 297, 305, 308, 309, 315, 318, 325, 328. No apparent indications were observed.

OBG Section 13AE, DP3077-001. The weld designations reviewed were: 335, 337, 345, 347, 354, 357, 362, 364, 367, 374, 377, 384. No apparent indications were observed.

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



Summary of Conversations:

No significant conversations.

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, 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Goulet, George

Quality Assurance Inspector

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Reviewed By: Riley, Ken

QA Reviewer