

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-008281**Date Inspected:** 02-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**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 Inspector (QA) Joe Alaniz 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:

OBG Assembly Yard

3BE

This QA Inspector observed repair work in progress of floor beam members located at panel point 21~23. Repair work consists of removal of transverse cracks using a hand held grinder.

This QA Inspector spent a portion of the shift research the contract documents for the following inspection request No. 003839, which consist of Magnetic Particle (MT) testing on the trail rail brackets. Upon researching the items requested for testing, QA Inspector observed items have been previously inspected and accepted on 06-01-09 by QA Inspector with lot number B284.

This QA Inspector spent a portion of the shift research the contract documents for the following inspection request No. 003839, which consist of Ultra Sonic (UT) testing on the trail rail brackets. Upon researching the items requested for testing, QA Inspector observed items have been previously inspected and accepted on 06-01-09 by QA Inspector with lot number B284.

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Items inspected and accepted are as followed:

1. TR5B-PP019-003
2. TR5B-PP021-003
3. TR5B-PP023-003
4. TR5B-PP025-003
5. TR5B-PP017-003
6. TR6A-PP020-001
7. TR6A-PP022-001
8. TR6A-PP024-001
9. TR6A-PP026-001
10. TR6A-PP028-001
11. TR1A-PP025-002
12. TR1A-PP021-002
13. TR1A-PP023-002
14. TR1A-PP019-002
15. TR1A-PP027-002
16. TR2A-PP024-002
17. TR2A-PP028-002
18. TR2A-PP022-002
19. TR2A-PP020-002
20. TR2A-PP026-002

Due to severe weather (heavy rain) on today's work shift, welding was not performed in the OBG Trail Assembly Yard.

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

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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 (134-8257-0045), who represents the Office of Structural Materials for your project.

Inspected By:	Alaniz,Joe	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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