DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-012603
Date Inspected: 26-Feb-2010

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 700
OSM Departure Time: 1900
Location: Shanghai, China

CWI Name: Xu Xian Ping

Inspected CWI report:	☐ Yes	☑ No	☐ N/A
Electrode to specification:	☑ Yes	☐ No	☐ N/A
Qualified Welders:	☑ Yes	☐ No	☐ N/A
Approved Drawings:	☐ Yes	☑ No	☐ N/A

CWI Present:	☑ Yes	☐ No	
Rod Oven in Use:	☐ Yes	☐ No	☑ N/A
Weld Procedures Followed:	☑ Yes	☐ No	☐ N/A
Verified Joint Fit-up:	☐ Yes	☑ No	☐ N/A
Approved WPS:	☑ Yes	☐ No	☐ N/A
Delayed / Cancelled:	☐ Yes	☑ No	☐ N/A

Bridge No: 34-0006
Component:

Summary of Items Observed:

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port
Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China.

In Process Inspections:

Cross Beam #7- No Activity.

7AE- No Welding Activities.
7AW- No Welding Activities.

7BE- No Welding Activities.
7BW- No Welding Activities.

Cross Beam #5- Moved from trial assembly area for blasting.

Cross Beam #6- Moved from trial assembly area for blasting.

6CE- Dismantling of scaffolding.
6CW- Dismantling of scaffolding.

NDT Inspections

This inspector performed conventional ultrasonic testing, UT, in accordance with ZPMC NWIT #005233. This inspection was performed to clear punch list item #333. Welds tested are as follows:

Seg023A-031
Seg025A-010
Seg021A-001
Seg021A-010

No recordable indications were noted at the time of inspection.

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

Summary of Conversations:
No Relevant 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 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Barrentine,Daniel	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer