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

Bay Area Branch
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Vallejo, CA 94592-1133
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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-010127
Date Inspected: 19-Oct-2009

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

OSM Arrival Time: 645
OSM Departure Time: 1845
Location: Shanghai, China

CWI Name: Yu Dong Ping.

Inspected CWI report:	☐ Yes	☑ No	☐ N/A	**CWI Present:**	☑ Yes	☐ No		
Electrode to specification:	☑ Yes	☐ No	☐ N/A	**Rod Oven in Use:**	☑ Yes	☐ No	☐ N/A	
Qualified Welders:	☑ Yes	☐ No	☐ N/A	**Weld Procedures Followed:**	☑ Yes	☐ No	☐ N/A	
Approved Drawings:	☑ 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: Tower Components

Summary of Items Observed:

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

This QA Inspector observed the following work in progress:
Bay 11, West tower, Strut Plate.
SAW welding of weld joint WD1-STSA3-2-109M-1-4B, 6A; located on Bay11, West Tower. Welders are identified as 040699; ZPMC Quality Control Inspector (QC) is identified as Yu Dong Ping. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-3221-B-U3C-S-1.

Bay 11, West tower, Strut Plate.
SAW welding of weld joint WD1-STSA3-2-109M-2-4B, 6A; located on Bay11, West Tower. Welders are identified as 040699; ZPMC Quality Control Inspector (QC) is identified as Yu Dong Ping. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-3221-B-U3C-S-1.

Bay11, South Tower, Struts Repair.
Repair gouge out notised on strut weld Identified as SD1-A6002-12-9A/B. See attached picture for details.

This QA Inspector carried out NDE on following
Bay 11, West Tower, Spare Struts.

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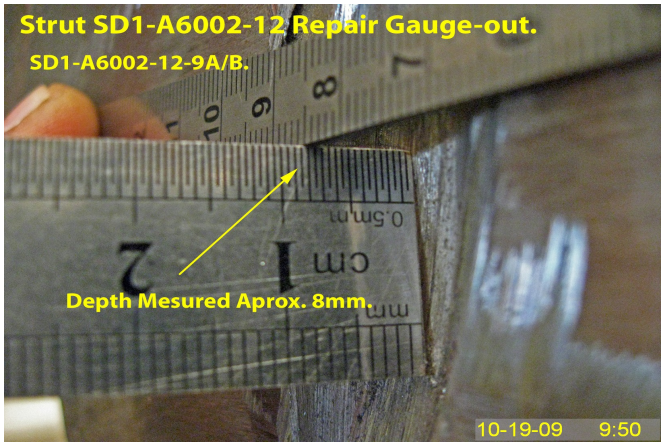
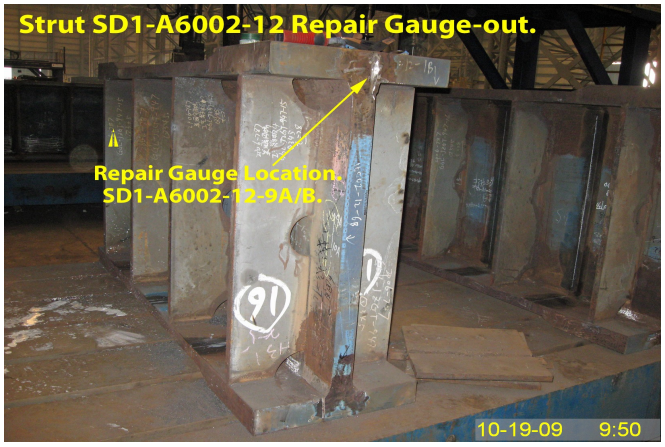
This QA inspector performs Random Visual Testing (VT), Magnetic Particle Testing (MT) of approximately 15%, Ultrasonic Testing(UT) of approximately 10% area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT & UT report (TL-6028 & TL-6027) for this date.The members are identified as WD1-A6001-6.
GREEN TAG # 9277.

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 Serge Sinevod, 13482570045, who represents the Office of Structural Materials for your project.

Inspected By:	Juvekar,Amit	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer