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-013143
Date Inspected: 11-Apr-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: Li Yang

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: OBG Segment

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, M.Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check on WT stiffener at FL3 locations along with QA inspector (Mr. Manjunath.S.Math) for below segment. Reports forwarded to team leader for further action

7DW – PP 56 - PP 56.5
7DW – PP 57 - PP 57.5
7DW – PP 57.5 - PP 58

This QA Inspector randomly observed the following work in progress:

OBG # TRIAL ASSEMBLY YARD (7CE-7DE)

SMAW Process:

Welding of weld joint – 051 and 053 located on PCMK SP533-001, Side Panel T-Rib welds segment 7CE and 7DE. Welder is identified as 221146. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-T-2233-B-U2-F.

SMAW Process:

Welding of weld joint – 055 and 057 located on PCMK SP533-001, Side Panel T-Rib welds joining 7CE and 7DE. Welder is identified as 222396. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-T-2233-B-U2-F.

SMAW Process:

Welding of weld joint – 059 and 061 located on PCMK SP533-001, Side Panel T-Rib welds joining 7CE and 7DE. Welder is identified as 068920. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-T-2233-B-U2-F.

For further information, Please see the pictures below.

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

Summary of Conversations:

No Relevant Conversation.

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

Inspected By:	Manikandan,Murugan	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer