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 #: 99.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-017155
Date Inspected: 10-Sep-2010

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

OSM Arrival Time: 700
OSM Departure Time: 1900
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 Segments

Summary of Items Observed:

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

Magnetic Particle Testing (MT) - Document No's: 006616

This QA inspector performed 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 members are identified as OBG Segment 11EE. The weld designations reviewed are as follows:

1. SEG074C-001, 009, 011, 007, 008, 023, 024, 031
2. SSD19A-PP108-043, 041, 039, 102, 100, 098, 110, 112, 114, 049, 051, 053
3. SSD29-PP108.5-163, 164, 165, 166, 167, 168, 171, 172, 173, 174, 175, 176

Magnetic Particle Testing (MT) - Document No's: 006630

This QA inspector performed 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 members are identified as OBG Suspender Bracket. The weld designations reviewed are as follows:

1. SB020-082-025, 037, 031, 043, 001, 004, 016, 008
2. SB020-082-010, 013, 015, 018, 019, 020, 032, 026

WELDING INSPECTION REPORT

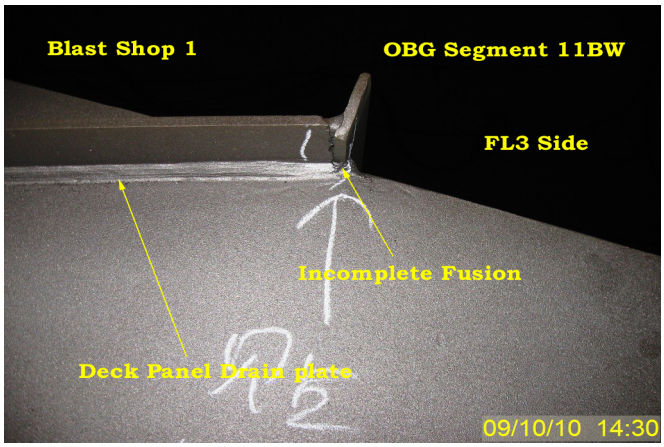
3. SB019-074-004

Visual Inspection after Blast

Segment 11BW

This QA Inspector performed a preliminary random visual inspection on OBG Segment 11BW, after the grit blast of the exterior components of the deck panel, floor beams and corner assemblies of this segment. Areas of visual weld defects that will require welding were taped and will be repaired after the coating is applied. ZPMC QC personnel are aware of these areas and were present during the inspection. See the attached pictures.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.



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

Inspected By:	Kumar,Vibin	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer