

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018030**Date Inspected:** 17-Oct-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**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 date Caltrans OSM Quality Assurance (QA) Inspector, Nagalingam Pandaram Pillai was present during the times noted above for observations relative to the work being performed.

Magnetic Particle Testing:-

OUTSIDE YARD

This QA inspector performed Magnetic Particle Testing (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 member is identified as OBG Segment 12AE. The weld designation reviewed is as follows:

SEG3001P-PP109-36,38,52,54,61,63,98,100
 SEG3001N-PP109.5-43,44,45,46,49,50,51
 SEG3001M-PP110-54,55,56,57,98,99,100,101
 SEG3001K-PP110.5-41,42,43,44,49,50,51,52,
 SEG3001J-PP111-36,37,38,39,54,55,56
 SEG3001G-PP111.5-34,35,36,37,53,54,55,56
 SEG3001E-PP112-36,37,38,39,54,55,56
 SEG3001K-PP112.5-34,35,36,37,52,53,54,55
 SEG3001V-045,046,047,048,049,050,051
 SEG3001W-022,024,030.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Visual Inspection after Blast

Tower West Shaft Lift 3

This QA Inspector performed a preliminary random visual inspection after the grit blast of the Exterior components of the Skin A,B,D and E of Tower West Shaft Lift 3. 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.

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 Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Pillai,Pandaram	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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