

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-016416
Date Inspected: 17-Aug-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:	Xu tao	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 Components	

Summary of Items Observed:

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

BAY#19

FCAW welding of weld joint 4F-023 located on PCMK BK006A-002 the welder is identified as 500909. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2234.

FCAW welding of weld joint 1G-002 located on PCMK BK006A-002 the welder is identified as 0500909. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4a-F.

FCAW welding of weld joint 1G-010 located on PCMK BK006A8-002 the welder is identified as 208641. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4a-F.

FCAW welding of weld joint 2F-045 located on PCMK BK004A6-011 the welder is identified as 062901. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

BAY#16

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

FCAW welding of weld joint 2F-030 located on PCMK LD3034-001 for OBG Lift 13West the welder is identified as 045143. ZPMC QC is identified as Mr.Xia chun hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

BAY#14

This QA inspector performed 15% MT of weld areas 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 Traveler bracket. The weld designations reviewed as follows.

TR2A-PP80-002.

OUTSIDE SHOP

11CW

This QA inspector performed 10% UT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as OBG Segment 11CW. The weld designations reviewed as follows.

SEG069*-001,002,003,004,005.

SEG069A-008,009,010.

CA086-003,004.

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-15--0042-2372, who represents the Office of Structural Materials for your project.

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