

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005226**Date Inspected:** 16-Jan-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Chih Ming**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 (QA) Inspector Dan Hernandez 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 13 OBG Assembly

Segment 1BW

Shielded Metal Arc Welding (SMAW) of weld joint SEG005A-004 located on SP387A to BP303A. Welders are identified as 037748, 067765 and 067829. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Bay 14 OBG Assembly

Segment 7BE

Submerged Arc Welding (SAW) of weld joint SEG036A-004 located on BP63A to BP171A. Welder is identified as 062406. ZPMC QC is identified as Wang Wei Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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Segment 7CE

Flux Cored Arc Welding (FCAW) of weld joint SEG038A-009 located on SP132A to SP339A. Welder is identified as 048038. ZPMC QC is identified as Wang Wei Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 6AE

Flux Cored Arc Welding (FCAW) of weld joint SEG028B-008 located on SP86A to SP525A. Welder is identified as 048038. ZPMC QC is identified as Wang Wei Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Flux Cored Arc Welding (FCAW) of weld joint SEG028B-019 located on SP87A to SP526A. Welder is identified as 048038. ZPMC QC is identified as Wang Wei Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 7EE

Submerged Arc Welding (SAW) of weld joint SEG042A-005 located on BP60A to BP174A. Welder is identified as 044780. ZPMC QC is identified as Wang Wei Ming. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
