

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-005413**Date Inspected:** 20-Jan-2009**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:** Zhong Bao Lei**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 and crossbeams**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) Steve Hall was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

OBG outside assembly (OBG assembly bay 19, OBG segment 4BW, 5BW, 5AW and 5CW)

This QA was instructed to take Caltrans QA inspector Mr. Baskar Govindarajan for orientation concerning the fabrication of the above mentioned assemblies. Mr. Govindarajan has been given the responsibility for observations relative to the fabrication of the above mentioned OBG segments and the fabrication of the crossbeam assemblies and tower components in OBG assembly bay 19. This QA observed Mr. Govindarajan interact with ZPMC QC inspectors and appeared to understand the general scope of the tasks that he was to perform.

OBG assembly bay 19

This QA was instructed by Caltrans QA task leader Mr. Mahlon Lindenmuth to gather all available drawings and weld maps concerning the fabrication of the OBG crossbeam assemblies that are to be fabricated in OBG assembly bay 19 and create a quick reference book ("smart book") to be utilized by Caltrans QA inspectors responsible for observations relative to the fabrication of the crossbeams. This QA spent the remainder of this shift performing this task.

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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 Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Hall,Steven	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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