

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-003631**Date Inspected:** 15-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1500**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Sun Bo**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:** skin plates and stiffeners / deck panels**Summary of Items Observed:**

Tower Shop – Bay 1

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) randomly observed ZPMC personnel performing the following: flame-cutting trimming of run-off tabs; skin stiffener straightening; grinding welds of stiffeners to SSD1- skin B plate and SSD1- skin E plate; SAW butt welds of stiffeners. Sixty-five workers were present in this shop including one ZPMC CWI. No welding was being performed.

Tower Shop – Bay 2

QA Inspector randomly observed ZPMC personnel performing the following: the air-arc gouging of skin plate weld; welding of lifting eyes to stiffeners. Fifteen workers were present in this shop.

Heavy Duty Machine Shop – Bay 3

QA Inspector randomly observed ZPMC personnel performing the following: grinding on the following deck panels: DP270-001, DP244-001, and DP614-001.

QA Inspector performed final VT simultaneously with ZPMC CWI Sun Bo and ABF QC Kevin Chen on DP271-001 and DP544-002. Twelve workers were present in this shop as well as 19 deck panels.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

No significant conversations on this date.

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 Joshua Ishibashi, 136-6471-0411, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet, George	Quality Assurance Inspector
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Reviewed By:	Carreon, Albert	QA Reviewer
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