

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-005514**Date Inspected:** 19-Feb-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:** Li Zhi jiang/SunWei**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/TOWER Components**Summary of Items Observed:**

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

LAY DOWN YARD

This QA Inspector observed the following work in progress:

No work on deck panel repairs due to wet conditions.

BAY#1

Fit up and S.M.A.W. tack welding for fabrication of the following floor beam components:

FB209-1-002

FB210-1-002

Welder is identified as #216421. ZPMC QC is identified as Wang Ltang.

Fit up and S.M.A.W. tack welding for fabrication of the following floor beam components:

FB209-1-001

FB210-1-001

Welder is identified as #066673. ZPMC QC is identified as Wang Xtangpin.

S.A.W. welding of the weld joints 006 and 005 located on CB203D-001. Welder is identified as #207345. ZPMC QC is identified as Wang Ltang. The welding variables recorded by QC appeared to comply with the applicable

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

WPS.

BAY#10

This QA inspector verified that the following Skin plates had been completed and the required non destructive testing(NDT) had been performed. Green tags were issued by American Bridge/Flour(ABF).

Component Green Tag#

Lift 1-North Tower-skin E 002571

Lift 1-South Tower-skin C 002572

Lift 1-South Tower-skin E 002573

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 (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
