

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-003476**Date Inspected:** 15-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2200**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Xi**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:** closed rib to deck plate welds**Summary of Items Observed:**

Heavy Duty Machine Shop – Bay 3:

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed initial VT on DP191-001-001 through 010 and DP083-001-001 through 006. QA Inspector concurred with ZPMC CWI and ABF QC Kevin Chen on apparent indications. QA Inspector notated initial inspection had been performed on yellow tag attached to deck panel rib. See photos below showing an example of apparent indication markers for repair personnel to follow and yellow tag with notations.

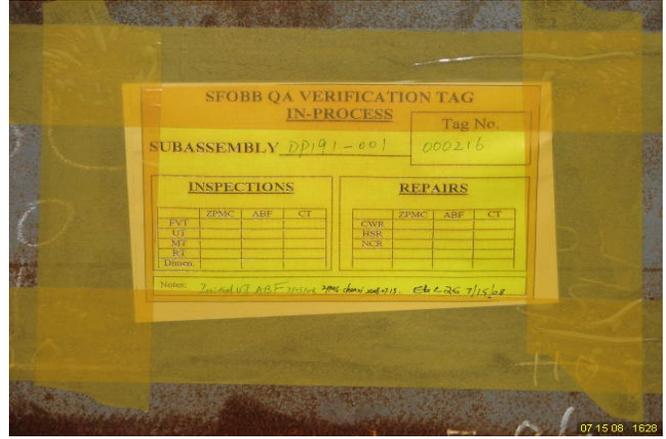
ZPMC personnel were grinding on various panels. Fifteen workers were present in this shop as well as ABF QC Kevin Chen and ZPMC CWI Chen Xi. No welding was observed being performed.

Sub-Assembly – Bay 4

QA Inspector randomly observed ZPMC personnel performing heat straightening, flame cutting, and welding. Approximately 25 ZPMC workers were present.

WELDING INSPECTION REPORT

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Summary of Conversations:

No significant conversations 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 Ady Velasco, 138-1694-2685, who represents the Office of Structural Materials for your project.

Inspected By: Goulet, George

Quality Assurance Inspector

Reviewed By: Carreon, Albert

QA Reviewer