

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-000546**Date Inspected:** 28-Sep-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, china**CWI Name:** Zu Bing & Li Wen Sheng**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:** 114 Skin-D**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Item-1 114 Skin-D Inside Connection Plate A75. Lifting devices being welded in position by welder (A) Li Dong #066256 and Guo Dengyun #037997. The plate was in a flat position and the welding parameters recorded by this QA Inspector were, welder (A) Amps 167 and welder (B) Amps was 164 both welders were using TL-508 welding rods. A heated rod box was utilized for the storage of the welding rods.

Item-2 114 Skin-B Upper Section. CJP weld joints of the stiffener plate to the base plate were in the process of being gouged out.

Item-3 77 Skin-A Stiffener MA2-3 Gouged out area, 998.5mm in length, is in the process of being preheated for the the repair welding.

Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By: Smith,David

Quality Assurance Inspector

Reviewed By: Cochran,Jim

QA Reviewer