

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 #: 69.21**WELDING WITNESS REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WWR-000168**Date Inspected:** 23-Mar-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Witness:** Procedure Qualification Record
Welding NDT**Welder Qualification**
Mechanical Testing, describe:**Fracture Critical****Index Lot #:** B49-015-07**Witness Lot #:** B60-019-07**Bridge No:** 34-0006**Component:** Bid Item 52, 55 Deck and Tower**Welder:** Zhang Xing Jin**ID #:** N/A**Joint Description:** B-U2-S**WPS ID #:** PWPS-B-T-2221-F-6 N/A**Base Metal:** A709-50F-2**PQR ID #:** HP200749 N/A**Thickness:** 26mm**Process:** SAW N/A**Electrode Spec/Class:** A5.17/EH14**Positions:** 1G N/A**Backing Material:** A709-50T-2**CWI:** huang Wei N/A**Average Amps:****AWS Code:** AWS D1.5 N/A**Average Volts:****Applicable Sec:** 5.13 N/A**Travel Speed:****Heat Input:** N/A**Preheat:**

N/A

Summary of Items Observed:

Caltrans Quality Assurance (QA) reviewed the Radiographic Testing (RT) film for the Procedure Qualification (PQR) test plate listed above. The weld and film quality appears to comply with the contract requirements.

Summary of Conversations:

No relevant conversations took place on this date.

Observed welding, testing or results:

is in general conformance with the contract requirements.

is not in conformance with the contract requirements.

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.

Inspected By: McClary, David

Quality Assurance Inspector

WELDING WITNESS REPORT

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Reviewed By: Lowry,Patrick

QA Reviewer