

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-000679**Date Inspected:** 15-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Danny McDonald**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:** WQTR Side Bends**Summary of Items Observed:**

This Caltrans Quality Assurance (QA) Inspector was requested by ABF Quality Control (QC) Inspector Danny McDonald to conduct a visual verification of ZPMC Weld Qualification Mechanical Side Bends. Mr. McDonald presented to this QA Inspector a ZPMC document identified as "Bending Test Record of Welder Qualification" which listed a total of fifty-five (55) ZPMC welders. The said document identified that mechanical side bends were completed on the ZPMC welders with Mr. McDonald stating that the test results were acceptable. This QA Inspector completed a review of said documentation and a visual verification of the actual mechanical side bends. The items verified by this QA Inspector are found to comply with project specifications. Following is the list of the ZPMC welders verified on this date,

Welder Identification Number: 070902001, 070902002, 070902003, 070902004, 070902007, 070902011, 070902012, 070902013, 070902015, 070902016, 070902017, 070902018, 070902019, 070902021, 070902022, 070902023, 070902026, 070902027, 070902030, 070902033, 070902034, 070902040, 070902042, 070902101, 070902103, 070902105, 070902106, 070902107, 070902109, 070902110, 070902111, 070902114, 070902116, 070902118, 070902121, 070902122, 070902124, 070902135, 070902136, 070902138, 070902140, 070902142, 070902143, 070902145, 070902146, 070902147, 070902149, 070902150, 070902151, 070902152, 070902153, 070902156, 070902157, 070902159 and 070902160.

Summary of Conversations:

Stated within the body of the report.

WELDING INSPECTION REPORT

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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.

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| Inspected By: | Cochran,Jim | Quality Assurance Inspector |
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| Reviewed By: | McClary,David | QA Reviewer |
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