

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 #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000014**Date Inspected:** 16-Jan-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1930**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Lu Jian Hua**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Observed Third Welder Qualifications**Bridge No:** 34-0006**Component:** N/A**Bid Item:** N/A**Lot No:** N/A**Summary of Items Observed:**

ZPMC Quality Control Inspector, Mr. Lu Jian Hua informed Caltrans that welder qualification testing would be performed in weld shop. Caltrans Quality Assurance (QA) Inspector participated in observing ZPMC third party Quality Control representative, Moody International provide the training and monitoring of welders performing the welder qualification test for the Caltrans Project. Caltrans QA Inspector observed welder performing flux cored arc welding (FCAW) complete joint penetration groove weld, plate test in the 3G position. The welder was observed welding a fill pass weld while the interpass temperature is above 260 degrees Celsius.

Summary of Conversations:

Caltrans QA Inspector met with Moody International representative, Mr. Zhou Daqirg, and questioned him about welder performing Flux Core Arc Welding (FCAW) and that the interpass temperature is above 260 degrees Celsius. Mr. Daqirg reported that the welder was qualifying on another project. After several encounters with Mr. Daqirg, in regards to questionable welding parameter violations. Such as welding travel speed and weld pass width.

ZPMC informed Caltrans that it came to their attention that no one is performing welder qualification testing for the Caltrans Project. The ZPMC representative stated that the welder qualifications were for another client.

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.

SOURCE INSPECTION REPORT

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Inspected By:	Hasler, Mike	Quality Assurance Inspector
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Reviewed By:	Wright, Mark	QA Reviewer
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