

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-000018**Date Inspected:** 24-Jan-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1700**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:** Mechanical Test Specimens**Bridge No:** 34-0006**Component:****Bid Item:****Lot No:****Summary of Items Observed:**

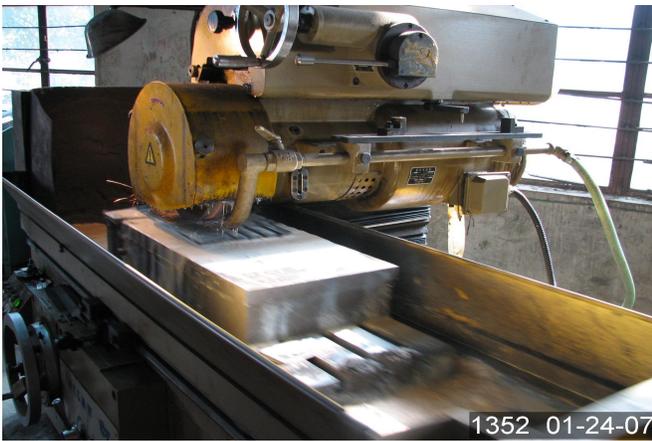
Item Description	WBS	Dwg No.	Status
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On this date Caltrans Quality Assurance (QA) Inspector Mr. Mike Hasler arrived at Shanxun Machine Shop operated by Mr. Zhang Sheng Qiang. To witness the machining of Procedure Qualification test plate for destructive testing. The test plate is identified as HP2006107-10. Caltrans QA Inspector observed that machining of the samples for reduced section tension, side bends, standard round all-weld-metal, groove weld macroetch and charpy v-notch were in progress. Caltrans QA Inspector observed ZPMC Quality Control Inspector, Ms. Zhou performing QC surveillance and monitoring of the machining of the specimens. Caltrans QA Inspector observed that all samples were stamp marked prior to machining to maintain traceability. The machining appeared to be in accordance with the requirements of AWS D1.5-2002 section 5; paragraph 5.16.3 and table 5.5. The machining was not completed on this date. The following digital pictures illustrate machining and steel stamping of the test specimens traceability during the machining process.

SOURCE INSPECTION REPORT

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Summary of Conversations:

At 1100 hours, ZPMC Quality Control Inspector, Mr. Lu Jian Hua informed Caltrans Quality Assurance (QA) that Shanxun Machine Shop would be performing the machining of mechanical test specimens for Procedure Qualification HP-2006107-1.

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: Hasler, Mike

Quality Assurance Inspector

Reviewed By: Wright, Mark

QA Reviewer
