

**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-000112**Date Inspected:** 05-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2230**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:****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:****Bridge No:** 34-0006**Component:** Test Samples**Bid Item:** 52 (SF)**Lot No:** N/A**Summary of Items Observed:**

On this date the Caltrans Quality Assurance (QA) representative Roscoe Dixon arrived at Zhenhua Port Machinery Company (ZPMC) of Shanghai, China to witness Charpy V-notch mechanical tests performed by ZPMC Quality Control (QC) personnel Ms. Xie Ping and Mr. Pu Xinhua. American Bridge/Fluor (ABF) Inspector Jeff Evans informed the QA Inspector the material was representative samples for wide flange beam production material, which had been purchased without having CVN testing performed. Mr. Evans also informed the QA Inspector the material had been tested previously, but the previous samples failed from the first batch requiring re-sampling, and this was the first test of the second batch of samples. The ZPMC QC personnel Sun Bo also witnessed the testing. The ZPMC technician, Mr. Pu Xin Hua performed the testing of the sample specimens listed as follows: H-1, H-2, H 15, H 16-1, H 16-2, H 16-3, H 20-1, H 20-2, H 20-3, H 27-1, H 27-2, H 27-3, H 28-1, H 28-2, H29-1, and H 29-2. The QA Inspector Dixon identified the test machine as a Impact tester JB-300B, calibration was verified to be due 9/7/2008 and Ms. Xie Ping recorded the results. A total of 16 samples were tested on this date, (48 specimens), five of the samples were re-test identified by Mr. Evans as H 14-1, H 16-1, H 16-2, H 20-1, and H 20-3. The specimens were tested at -4 degrees Celsius. Ms. Xie Ping reviewed the recorded results and informed the QA Inspector that all specimens tested on this date passed the testing, but the work shift was over and the formal paperwork would be completed and forwarded to the Caltrans QA department as soon as possible.

Item Description	WBS	Dwg No.	Status
1 Charpy-V notch samples	N/A	N/A	

ZPMC purchased material to be used as wide flange production material, CVN tests are to verify if material conform to A709 Grade 50 standards

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## SOURCE INSPECTION REPORT

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### Summary of Conversations:

As noted above and basic communication between QC Inspector and QA inspector when and where welding inspections are to be performed.

### 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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<b>Inspected By:</b>	Dixon,Roscoe	Quality Assurance Inspector
<b>Reviewed By:</b>	Cochran,Jim	QA Reviewer

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