

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 #: 75.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001134**Date Inspected:** 15-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1800**Contractor:** Shanghai Pujiang Cable Co. (SPCC)**Location:** Bao Steel, Shanghai

Quality Control Contact: Mr. Pei
Material transfer: Yes No N/A
Stock Transfer: Yes No N/A
Rebar Test Witness: Yes No N/A

Quality Control Present: Yes No
Sampled Items: Yes No N/A
OK to Cut: Yes No N/A
Delayed/Cancelled: Yes No N/A

Other: Observed wire production**Bridge No:** 34-0006**Component:** 5.4mm diameter galvanized wire**Bid Item:** 66A**Lot No:** B240**Summary of Items Observed:**

Caltrans QA Inspector Mr. Wai Pau traveled to Bao Steel, Shanghai to witness the tensile tests of 5th batch galvanized wire. However, the Bao Steel Engineer Mr. Pei informed Caltrans QA Inspector that tensile tests have been re-scheduled to Monday, 10-19-09. So Caltrans QA Inspector observed three Bao Steel workers in process wire drawing operation. The wire rod size is drawing from 13.0/13.5~11.64~10.29~9.14~8.17~7.35~6.67~6.11~5.66~5.4mm with the drawing speed of 4m/s. During wire drawing, a welding operator performs friction welding on the both end of wire rod and burnishes the joints. The post heat treating follows welding. All the welded areas and HAZ will be removed. Based on Caltrans QAI observations, no discrepancies were noted.

Summary of Conversations:

As notes within report above.

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 Serge Sinevod 13482570045, who represents the Office of Structural Materials for your project.

Inspected By: Pau, Wai

Quality Assurance Inspector

Reviewed By: Clifford, William

QA Reviewer