

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-006919**Date Inspected:** 19-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Hangzhou**CWI Name:****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:** Cable socket**Summary of Items Observed:**

Caltrans Quality Assurance(QA) Inspector Mr. Wai Pau travel to Hailen Casting Steel (Hangzhou) to observed the casting sockets production. Total 294 sockets will be produce with 49 batches from B1 thru B49.

Each batch produces 6 sockets by pouring into a wooden mould. Batch's #B1, B2 and B3 had been poured before this QA Inspector arrived at Hailen Casting Company. This QA Inspector observed three machine operators performing rough machining on casting sockets for batch B2. The sockets are designated as B-02-007, B-02-008, B-02-009, B-02-010, B-02-011 and B-02-012. The surface of each casting socket has been sand-blasted prior rough machining.

Based on this QA Inspectors observations, no discrepancies were noted.

This QA Inspector performed dimensional checks on the six sockets for batch #B1. The sockets are designated B-01-001, B-01-002, B-01-003, B-01-004, B-01-005 and B-01-006. The six sockets were checked dimensionally by Hailen personnel after rough machining prior Caltrans inspection.

Based on Caltrans QAI observations, no discrepancies were noted.

Summary of Conversations:

As noted within the report above.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



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
