

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 #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027062**Date Inspected:** 18-Jan-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** See below**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:** Emergency Gates**Summary of Items Observed:**

The Caltrans Quality Assurance (QA) Inspector Rick Bettencourt arrived at the American Bridge/Fluor (ABF) warehouse at pier 7 in Oakland CA. The QA Inspector performed visual testing of the CCO 179 emergency gates components identified as the stainless steel rails, gate latch plates and gate latch retainers. Prior to the visual testing described above the QA Inspector spoke with the Smith Emery (SE) Quality Control (QC) Inspector Bill Norris. Mr. Norris informed the QA Inspector only 5 out of 28 total SS rails were acceptable. Mr. Norris went on to inform the QA Inspector 23 of the 28 SS rails were rejectable due to undercut and weld profile. In addition the QC Inspector informed the QA Inspector the 66 gate latch plates were all rejectable due to beveled edge and flame cut edge notches. Mr. Norris informed the QA Inspector the gate retainers did appear to be in compliance with the contract requirements.

The QA Inspector performed random visual testing of the above identified components, after the inspection was completed; the QA Inspector concurred with QC Inspectors findings. The QA Inspector noted the SS rails and the gate latch plates were not in compliance with the contract requirements. The ABF WQCM Jim Bowers informed the QA Inspector the rejectable material will be sent back to the fabricator for repairs.

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Summary of Conversations:

As noted 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 Nina Choy 510-385-5910, who represents the Office of Structural Materials for your project.

Inspected By: Bettencourt,Rick

Quality Assurance Inspector

Reviewed By: Levell,Bill

QA Reviewer