

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027307**Date Inspected:** 12-Mar-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** L & M Industrial Fabrication**Location:** Tangent, Oregon**CWI Name:** Tom Dreyer**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:** Tower Chimney Parapet**Summary of Items Observed:**

This Quality Assurance (QA) Inspector, Art Peterson arrived at L & M Industrial Fabricators between the times noted above to randomly observe Quality Control (QC) personnel monitor the welding operations performed by L & M personnel on chimney parapet walls fabricated to the Tower Heads. The following observations for the extra work being performed under the following contract change orders were:

CCO: 203 - Construct Elevator Support Brackets.

West Tower Chimney:

This QA Inspector randomly observed L & M welder Bradford Schroyer (Welder ID #16) performing the drilling operation on Tower Chimney Skin Plate D for installing the internal support brackets for the Elevator Rail at locations as shown on approved shop drawing CCO 203 sheet 4 of 7 Revision B. The drilling operation and workmanship appeared to comply with the approved shop drawing and CCO 203.

CCO: 196 - Description: Construct parapet walls at the Tower Heads

West Tower Chimney:

This QA Inspector observed L & M Industrial Fabricators Quality Control (QC) NDT Inspector Leo Jim Jr, performing ultrasonic test (UT) inspection on the complete-joint penetration (CJP) corner-joint groove welds on the A11, A12, A13, and A15 wall plates to base plates of the West Tower Chimney Parapet.

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The NDT was performed in accordance with L & M Industrial Fabricator's Weld Quality Control Plan (WQCP) - ABF Submittal 2510 Rev. 1 and the results appeared to comply with the contract specifications.



Summary of Conversations:

Only general conversations between QA and QC on this date.

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: Peterson, Art

Quality Assurance Inspector

Reviewed By: Levell, Bill

QA Reviewer
