

**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-028071**Date Inspected:** 28-Jul-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**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:** OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

**OBG**

This QA Inspector noted AB/FJV personnel grinding weld 12W 13W-C1 flush on the exterior side at Y location 19000 and 27000.

Internally of 12W, several AB/FJV personnel were noted setting up for welding on weld 12W W2.1-A1 to include welder foreman James Zhen (Welder ID #6001) at Y location 17000. Authorized welder Jin Pei Wang (Welder ID #7299) was noted grinding and welding on weld 12W 13W A1.2 at location Y 2500. Both welders were utilizing Caltrans approved Welding Procedure Specification's (WPS) ABF-WPS-D15-3110-4.

Welder Mike Jimenez #4671 was observed continuing on from the previous day with welding weld number 11W 12W LS3, utilizing Caltrans approved Welding Procedure Specification's (WPS) ABF-WPS-D1.5-1012-3

This QA observed QC Scott Krotum performing Ultrasonic Testing (UT) on weld 13W PP124.5 W2.8-BW1 verifying the rejectable indication noted from the previous day.

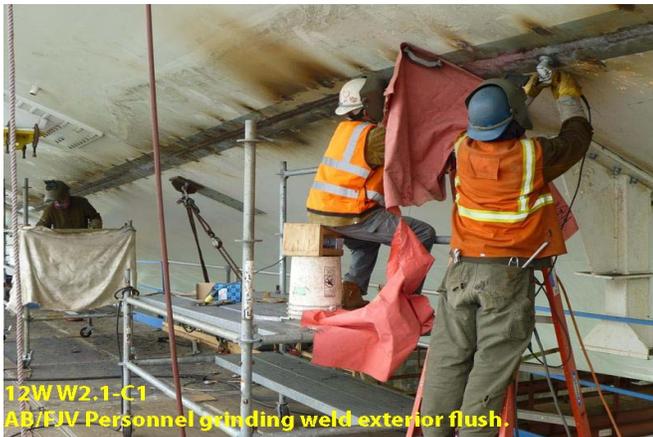
Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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# WELDING INSPECTION REPORT

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## Summary of Conversations:

Conversations relevant to work performed 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.

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**Inspected By:** Belford,Fritz

Quality Assurance Inspector

**Reviewed By:** Levell,Bill

QA Reviewer

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