

**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-028078**Date Inspected:** 31-Jul-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1930**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:

This QA observed the following welders welding on the back gouge of weld 12W W2.1-A1:

Authorized welders Jin Pei Wang #7299 at Y location 17000. and authorized welder Xiao Jian Wan #9677 at Y location 8000. Both welders were utilizing Caltrans approved Welding Procedure Specification's (WPS) ABF-WPS-D15-3110-4 for Flux Core Arc Welding.

Authorized welder Mike Jimenez #4671 was observed continuing on from the previous day with welding weld number 12W PP111.1-LS3 and moving on to 12W PP111.1-LS2 on the deck longitudinal stiffener utilizing Caltrans approved Welding Procedure Specification's (WPS) ABF-WPS-D1.5-1012-3.

Authorized welder Chris Bruce #8901 welding on weld 12W W2.1 PP115.2-BW2 for panel point web complete joint penetration weld utilizing Caltrans approved Welding Procedure Specification's (WPS) ABF-WPS-D15-1030-1.

Also noted were AB/F JV personnel were observed continuing with grinding weld 12W W2.1-C1 flush on the external side of weld at Y location 25000.

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

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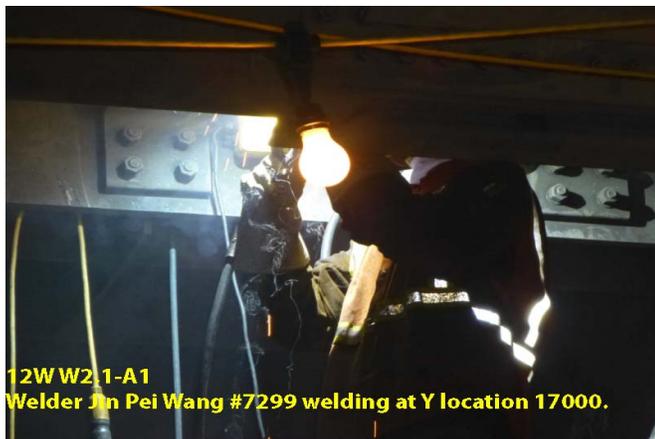
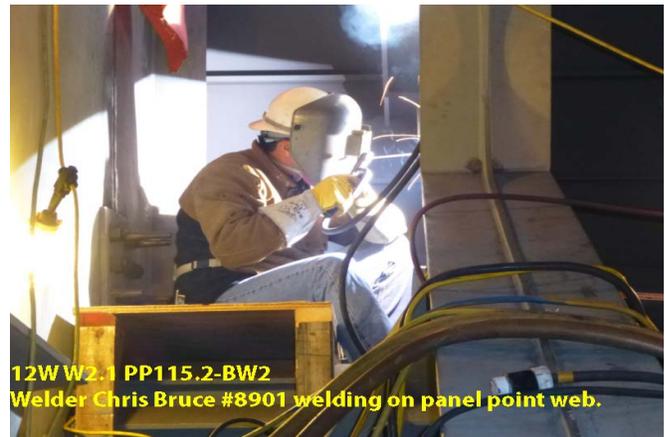
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# WELDING INSPECTION REPORT

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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

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**Reviewed By:** Levell,Bill

QA Reviewer