

**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-028692**Date Inspected:** 31-Oct-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 12W****Non-Destructive Testing (NDT)**

This QA performed Visual, Magnetic Particle and Ultrasonic Testing on the following:

**Panel Point 12W PP113 W2.1:**

- Weld BW1 (640mm x 16 & 14mm Thick, VT & MPT Accept.)
- Weld BW2 (1420mm x 16 & 12mm Thick, VT & MPT Accept.)
- Weld PS1 (170mm x 20mm Thick, VT & MPT Accept.)

**Panel Point 12W PP114 W2.1:**

- Weld PS1 (170mm x 20mm Thick, VT, MPT & UT Accept.)

**Panel Point 12W PP114.5 W2.1:**

- Weld BW1 (640mm x 14mm Thick, VT, MPT & UT Accept.)
- Weld BW3 (200mm x 12mm Thick, VT, MPT & UT Accept.)
- Weld PS1 (160mm x 16mm Thick, VT, MPT & UT Accept.)
- Weld PS2 (60mm x 12mm Thick, VT, MPT & UT Accept)
- Weld PS3 (130mm x 20mm Thick, VT, MPT & UT Accept)

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## WELDING INSPECTION REPORT

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This QA Inspector completed report forms TL-6031, TL-6028 and TL-6027 on this date noting items acceptance or rejection as per applicable code. The completed and accepted work observed at this location appeared to be in compliance with the contract specifications.

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

**Summary of Conversations:**

Conversation was relevant to work during this shift.

**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 Gary Thomas - (916) 764 - 6027, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Belford,Fritz	Quality Assurance Inspector
<b>Reviewed By:</b>	Reyes,Danny	QA Reviewer

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