

**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 #: 74.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015649**Date Inspected:** 06-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 945**Contractor:** Goodwin Steel, UK**Location:** Stoke-on-Trent, UK**CWI Name:****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:** Cable Band**Summary of Items Observed:**

The following report is based on METS observations at Goodwin Steel Castings, Stoke-on-Trent, UK on this date:

The QA Inspector observed Adam Migas welding cable band casting GG29431-2, 5540-B7-2-F. Mr Migas was observed verifying the minimum preheat using a 173 Degree Centigrade temperature crayon. He was using WPS04-0120F4B, to perform Shielded Metal Arc Welding (SMAW,) in the 1G position. The rod container was warm. Mr Migas was using 4 mm E7018-1 rod at 155 amps. The weld excavation map was not at the weld booth. Mr. Jason Cross was informed and indicated that this would be corrected.

**Summary of Conversations:**

Relevant conversations are documented 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:** Riegler, Randy

Quality Assurance Inspector

**Reviewed By:** Edmondson, Fred

QA Reviewer