

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-006330**Date Inspected:** 15-Apr-2009**Project Name:** SAS Superstructure**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Contractor:** Goodwin Steel, UK**OSM Arrival Time:** 800**OSM Departure Time:** 1700**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:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Randall Riegler was present during the times noted above for observations relative to the work being performed.

This inspector observed repair welding of casting B4-1-M G29422-1 in progress. The welding was being completed by Adam Migas. Mr Migas was observed welding in the horizontal position. He is certified for flat and vertical positions only. He was using WPS04-0120F4B. The welding procedure is qualified for positions 1G, 2G, and 3G. This was pointed out to Lee Davies, Production Director. Mr Davies halted welding on that location and instructed the welders to restrict welding to horizontal and vertical positions only. An internal NCR is being generated to correct this.

Radiography of casting B8-1-M continues. G29432-1.

The following locations were radiographed:

Band D5-6

Band E3-4, 4-5, 5-6, 6-7

Band K3-4, 4-5, 5-6

Band J4-5, and 5-6

Castings B14-2-M(2) G29446 and B14-2-F(2) G29447 were sent to proofing.

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Observed Magnetic Particle Testing of casting B2-1-M(2). This was being performed by Alan Banks following dressing of indications. Additional areas were marked for dressing. Testing of this casting is not complete.

Reviewed the radiographs of casting B15-1-M(1) G29448, and B15-1-F(1) G29449. Several reshots are required. Radiography of these castings is not complete.

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:	Lanz,Joe	QA Reviewer
