

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-029419**Date Inspected:** 04-Apr-2013**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:

Welder Jin Quan Huang #9340:

The welder was observed grinding and welding on the East OBG End Girder Plate at Panel Point 128.7. The welder was observed removing temporary attachment welds from the girder plate by grinding. After grinding the welder was noted welding areas that were visually inspected by QC Fred Michaels and found to be below the allowable depth due to grinding. The welder was observed welding utilizing the Welding Procedure Specification (WPS) ABF-WPS-D15-1004 Repair for Shield Metal Arc Welding (SMAW). The welding parameters were verified by QC Inspector Fred Michaels throughout the day and appeared to be in compliance with the WPS noted above. (As per Request for Weld Repair (RWR) 201301-019.)

Non-Destructive Testing (NDT)

This QA performed Visual Testing (VT) and Magnetic Particle Testing (MPT) on the following:

East OBG:

- End Girder Plate at PP128.7 Temporary attachment removals. (Over 50% MPT)

See TL-6028 for MPT report information.

Lot# B359-007-13

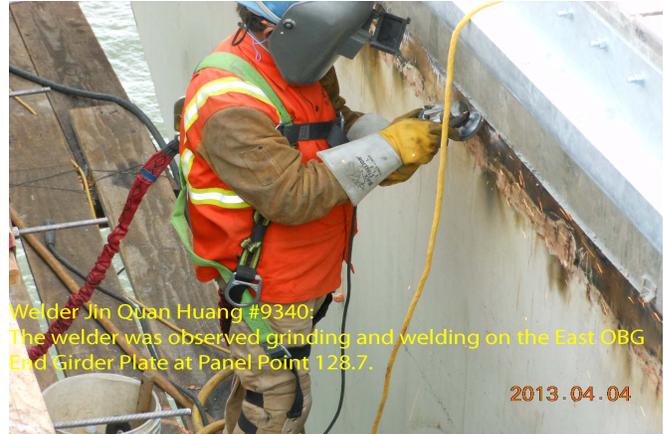
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This QAI was at Kloeckner Metals to "Green Tag" and verify Material Identification. See report form TL-6011 for details.

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:

Conversations this day as required for scope of work.

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.

Inspected By:	Belford,Fritz	Quality Assurance Inspector
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Reviewed By:	Reyes,Danny	QA Reviewer
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