

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026500**Date Inspected:** 10-Oct-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1100**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Watson Bowman ACME**Location:** Buffalo, NY**CWI Name:** Reno Davis, John Crabtree**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:**

This (QA) Inspector met with Watson Bowman Acme Corporation (WBA) Quality Control (QC) Supervisor John Miller and KTA-Tator (ABF Representative), Certified Welding Inspectors (CWI), Reno Davis (Day Shift, and Mr. John Crabtree night shift.

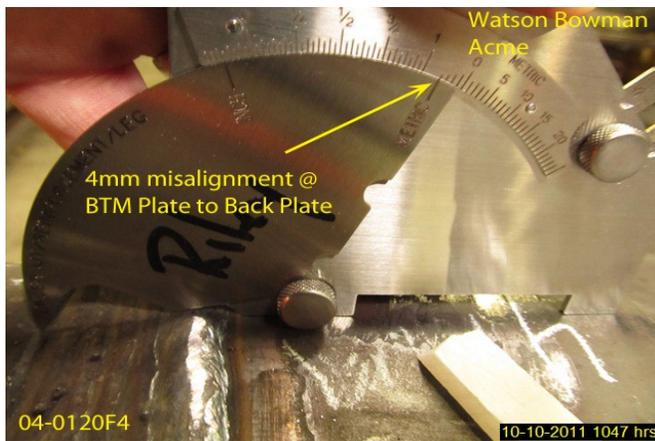
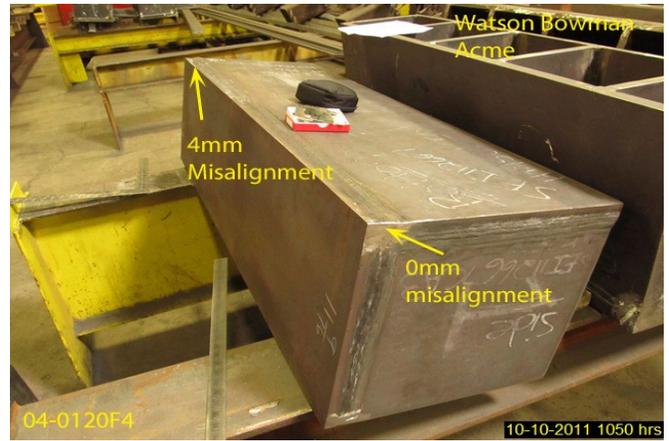
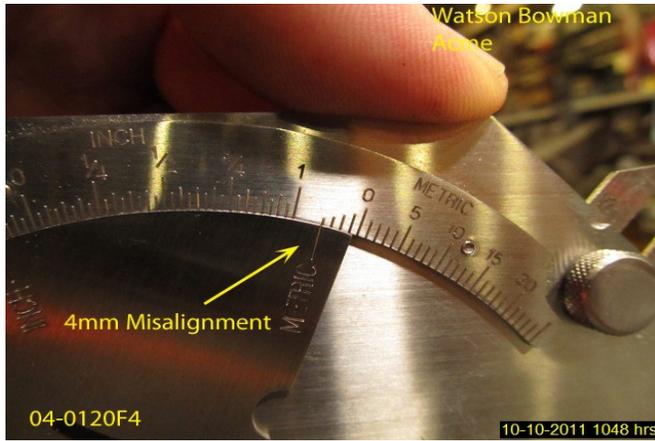
This QAI observed WBA personnel Gary Janus performing grinding and clean up on (4) four channel box assemblies identified as SEI112667 CA2-1,4,6, and 8. Mr. Janus was observed as removing weld spatter grinding weld termination and a general overall cleaning of the assemblies.

This QAI was informed by the ABF QC that component SEI112667 CA3-1 bottom plate to top plate has what appears to be misalignment of 4mm. The back plate starts at 0mm and continuous to the 4mm mark giving the component a 1mm misalignment. This has been informed to WBA for rectification due to the 4mm does not meet the tolerance as outlined in section 3.3.3 of AWS D1.5. WBA stated they would be submitting a RFI for this issue. See Photos Below.

The night shift welder John DiVirgillio would not be welding on this project tonight. This QAI was informed that welder Nikolas Mattoon would be replacing Mr. DiVirgillio due to he was needed on the robotic system. Mr. Mattoon or WBA personnel did not work on the Channel components tonight. ABF QC inspector John Crabtree was onsite to monitor WBA but due to no work he performed Visual and dimensional checks on the components that have been completed up to this date. Mr. Crabtree did find the misalignment on component CA3-1 bottom plate and informed this QAI.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

Basic conversation, fundamental to completion of the tasks at hand, occurred between this QAI, ABF QC, and WBA personnel .

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: Riley, Ken

Quality Assurance Inspector

Reviewed By: Levell, Bill

QA Reviewer