

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-029817**Date Inspected:** 13-Jul-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Fred Michels**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:** SAS OBG**Summary of Items Observed:**

Caltrans Office of Structural Material (OSM) Quality Assurance Inspector (QAI) Joselito Lizardo was present at the Self Anchored Suspension (SAS) job site as requested to perform observations on the welding of components for the San Francisco Oakland Bay Bridge (SFOBB) Project.

At OBG 14W-PP128-W2/W3 inside top anchorage top plate, this QA randomly observed ABF personnel perform removal of tack welds between the 203mm x 203mm x 13mm angle to anchorage top plate which was designated as Seismic Performance Critical Material (SPCM). ABF personnel were noted grinding off remove the tack weld then followed by Magnetic Particle Testing (MT) by ABF QC Brian Connolly. All the eight top plate anchorage access holes were entered by ABF personnel and removed 2 to 4 pieces of tack welds on each hole. Inside the access holes where the angle and top anchorage plate were installed, ABF personnel and ABF QC perform inspection to make sure there was no tack welds left between the angle and anchorage bolted connections. This was randomly verified by this QA. This task was done to clear punch list item #3529 that was originated from ZPMC China.

At OBG 14E-PP128-E2/E3 inside top anchorage top plate, this QA randomly observed ABF personnel perform grinding on the removal of tack welds between the 203mm x 203mm x 13mm angle to anchorage top plate which was designated as Seismic Performance Critical Material (SPCM). ABF personnel were noted grinding off remove the removal of tack welds then followed by Magnetic Particle Testing (MT) by ABF QC Fred Michels. All eight top plate anchorage access holes were entered by ABF personnel and ground/removed 2 to 4 locations of tack welds removal on each hole. Inside the access holes where the angle and top anchorage plate were installed, ABF personnel and ABF QC perform inspection to make sure there was no tack welds left between the angle and

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anchorage bolted connections. This was randomly verified by this QA. This task was done to clear punch list item #3529 that was originated from ZPMC China.



Summary of Conversations:

No significant conversation occurred today.

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

Inspected By: Lizardo, Joselito

Quality Assurance Inspector

Reviewed By: Reyes, Danny

QA Reviewer