

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-029775**Date Inspected:** 29-Jun-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:** As noted 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) Douglas Frey 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:

This QA Inspector reported to Crossbeam CB8 to observe and monitor the progress of repair operations. It was noted that no work was performed on this date.

This QA Inspector performed a Deck survey of the surface condition of "A" deck from OBGs 2W PP16 W2 – W4.5 to 4W PP28 W2 – W4.5. This inspection was conducted in conjunction with Smith Emery Quality Control personnel and impact sites as well as arc strikes and any irregularities was measured and recorded for depth and length as well as location. This QA Inspector randomly observed ABF welding personnel perform grinding repairs on "A" deck survey indications at the following locations;

#240 – 2W PP16+0 W4+0

#241 – 2W PP18.5+0 W4.5+0

#242 – 4W PP28+2000mm W2+300mm 60L/30W/6D – RWR pending

The grinding was observed to ensure that minimal material was removed to bring the site to serviceable condition. Upon completion of the grinding Quality Control Inspector Fred Michels was observed performing Magnetic Particle (MPT) Inspection of the sites. QC was observed performing the testing in accordance with AWS D1.5-Section 6.7.6-2002 and ASTM E709. It was noted that no rejectable indications were found and appeared to

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comply 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 on this date were relevant to work performed.



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:	Frey,Doug	Quality Assurance Inspector
Reviewed By:	Reyes,Danny	QA Reviewer
