

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-027274**Date Inspected:** 02-Mar-2012**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:	Salvador Merino		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No	
Rod Oven in Use:	Yes	No	N/A
Weld Procedures Followed:	Yes	No	N/A
Verified Joint Fit-up:	Yes	No	N/A
Approved WPS:	Yes	No	N/A
Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Kenneth Riley was present at the San Francisco Oakland Bay Bridge job site at Yerba Buena Island to observe erection and welding activities for the San Francisco Oakland Bay Bridge (SFOBB) project. This Quality Assurance Inspector (QAI) observed the following work performed by American Bridge/Fluor Enterprises (AB/F) personnel at the locations noted below:

QA NDT Verification

This QAI performed Magnetic Particle (MT) and Ultrasonic Testing (UT) verification on lift 13W Lifting Lug Holes and 13W/14W transverse field splice. The locations had been previously tested by the QC Inspector and found to be acceptable. The weld joints at the field splice were butt joints located at the Bottom plate, Side Plate and Edge plate. The locations for these tests are as follows;

Lifting Lug Holes

13W PP121.5 W3 #1-#4

13W PP121.5 W4 #1

13W PP122.5 W4 #1-#4

Transverse Field Splice

13W/14W-D3

13W/14W-E1&E2

13W/14W-F1 (UT only)

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This QAI performed a Visual Observation (VT), MT and UT verification and noted that the welds appeared to be within the contract documents at the time of this observation. For further information see document TL-6028 and TL-6027 submitted on this date.

Unless noted otherwise, all work observed on this date appeared to be in general compliance with the contract documents at the time of observations.

Summary of Conversations:

Basic conservation, fundamental to completion of the tasks at hand, occurred between this QAI and ABF QC 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
