

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-027295
Date Inspected: 10-Mar-2012

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: American Bridge/Fluor Enterprises, a JV

OSM Arrival Time: 700
OSM Departure Time: 1530
Location: Job Site

CWI Name:	Jesse Cayabyab	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:

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:

9E PP84.5 E5 Deck Access Hole (Exterior)

This QA Inspector randomly observed ABF welder Salvador Sandoval (ID 2202) perform fit-up operations on the Deck Access Hole (DAH) at 9E PP84.5 E5 on the exterior of the OBG. The welder was observed preparing the bevel in "A" deck as ABF welding personnel cleaned and prepped the bevel on the plate. This QA Inspector made subsequent observations throughout the shift to monitor quality and noted that the work was in progress. It was noted that no welding was performed on this date at this location.

14E PP128 E3 CT Punch List Item #3759 (Interior)

This QA Inspector performed Ultrasonic Testing (UT) on 100% of the weld located at 14E PP128 E3 listed as #3759 South. This weld was previously accepted by QC Ultrasonic technicians in accordance with AWS D1. 5-2002, section 6, table 6.3. This QA observed no rejectable indications at the time of testing. This QA generated a TL-6027 UT report on this date. The completed work observed at this location appeared to be in compliance with the contract specifications. Reference for this work is TC-RFI-0485R0.

QA NDT (Exterior)

WELDING INSPECTION REPORT

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This QA Inspector performed Ultrasonic Testing (UT) on approximately 10% of the welds at the locations listed below. These welds were previously accepted by QC Ultrasonic technicians in accordance with AWS D1.5-2002, section 6, table 6.3. This QA observed no rejectable indications at the time of testing. This QA generated a TL-6027 UT report on this date. The completed work observed at this location appeared to be in compliance with the contract specifications.

- 13W PP119.5 W4 Lifting Lug Holes #2 and 4
- 13W PP118.5 W3 Lifting Lug Holes #1 and 2
- 13W PP118.2 W5 Vent Hole
- 13W PP118.5 W5 Vent Hole
- 13W PP118.7 W5 Vent Hole
- 13W PP119.2 W5 Vent Hole
- 13W PP119.5 W5 Vent Hole
- 13W PP119.8 W5 Vent Hole

This QA noted above items observed appear to comply with the contract documents.

Summary of Conversations:

As noted above.



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: Frey,Doug

Quality Assurance Inspector

Reviewed By: Levell,Bill

QA Reviewer