DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 1.28

WELDING INSPECTION REPORT

Resident Engineer: Casey, William
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-028874
Date Inspected: 12-Dec-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: 1730
Location: Job Site

CWI Name: As noted below.

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: Tower

Summary of Items Observed:

Quality Assurance Inspector (QA) William Clifford 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 performed observation of excavation of Electroslag Weld (ESW) designated as ESW G. Excavation was performed at location (Y= 7800mm~8200mm).

Recorded observations at depth:

-13mm
One (1) longitudinal indication observed.
Y= 7920mm
X= -1mm
Y= 15mm

-14mm
One (1) longitudinal indication observed.
Y= 7970mm
X= 0mm
Y= 15mm

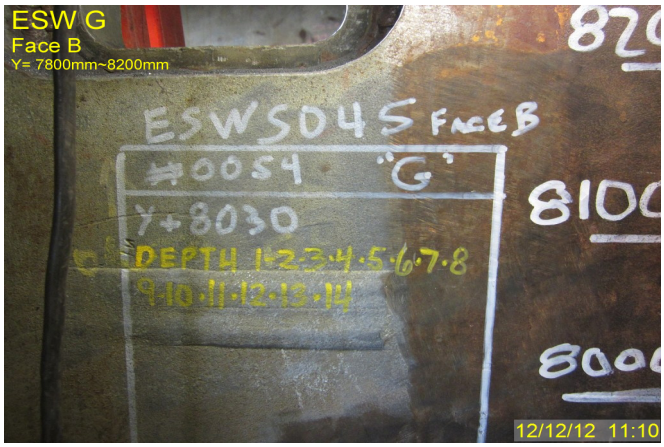
-15mm
No indications observed.

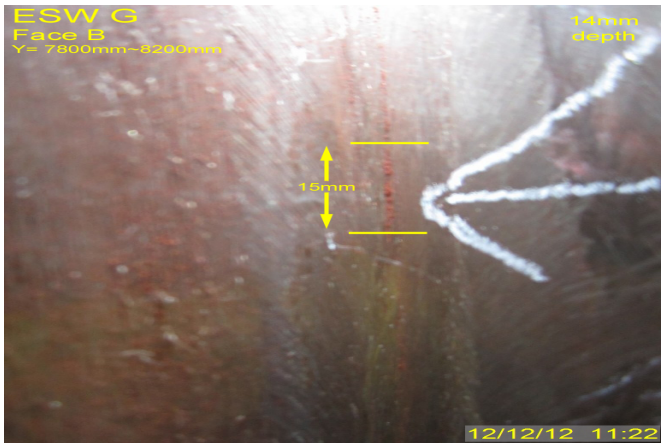
-16mm
No indications observed.

Excavation efforts have been halted due to end of shift.

Excavation was performed by ABF welding personnel using a mechanical grinder removing approximately 1mm at a time. This QA observed Quality Control Inspector Andrew Keech performing visual inspection and Magnetic Particle Testing (MT) of this excavation between passes. This QA performed visual inspection and intermittent verification MT of this excavation between passes.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.





Summary of Conversations:
Conversation was relevant to excavation performed during this shift.
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:	Clifford,William	Quality Assurance Inspector
Reviewed By:	Reyes,Danny	QA Reviewer