

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-028702**Date Inspected:** 01-Nov-2012**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:	N/A	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 (QAI) Rodney Patterson 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:

The QAI observed ABF QC inspector Jesse Cayabyab continuing to perform exploratory ultrasonic testing with the use of a 70 degree AWS transducer, utilizing a 6db drop for the sizing of height of suspected linear planar indications. The locations tested were between Y=1030~Y1900 (Face B) in way of recordable indications listed on the QC/QA joint inspection report for Electro Slag weld designated as ESW "V".

Later in the shift the QAI performed exploratory ultrasonic testing utilizing a 6db drop technique in order to confirm the height of suspected linear planar indications examined by ABF QC inspector Jesse Cayabyab earlier in the shift. The QAI's findings are as follows;

Y=1090- Length 15mm, Depth 45~56 (6db drop depth from face A)

Y=1100- Length 20mm, Depth 17~31 (6db drop depth from face A)

Y=1130 Length Depth 52~59 (6db drop depth from face A)

Y=1810- Length 30mm, Depth 46~56 (6db drop depth from face A)

Y=1840- Length 20mm, Depth 7~28 (6db drop depth from face A)

Y=1870 Length Depth 40~58 (6db drop depth from face A)

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

Summary of Conversations:

Conversations relevant to the work being 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:	Patterson,Rodney	Quality Assurance Inspector
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Reviewed By:	Reyes,Danny	QA Reviewer
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