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 #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-007100
Date Inspected: 10-Jun-2009

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 645
OSM Departure Time: 1845
Location: Shanghai ,China

CWI Name: Li Yan Hua

	Yes	No	N/A
Inspected CWI report:	☐	☑	☐
Electrode to specification:	☐	☐	☑
Qualified Welders:	☐	☐	☑
Approved Drawings:	☐	☐	☑

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

Bridge No: 34-0006
Component: OBG Assembly

Summary of Items Observed:

On this date CALTRANS OSM Quality Assurance (QA) Inspector was present during the times noted above for observations relative to the work being performed.

Segment 4BW
This QA Inspector performed Magnetic Particle testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (MT) report for this date. The members are identified as the horizontal stiffeners for the FL3 Floor beam in way of the cross beam. The Weld Designations are as follows:
SSD10A-PP26-166, 167, 172, 173 and 180.
SSD11A-PP27-164, 165, 170, 171 and 178.
SSD12A-PP28-170, 171, 175, 176 and 183.

During random verification Magnetic Particle Testing of the FL3 floor beam, horizontal stiffener attachment welds to edge plate 18A, Caltrans Quality Assurance (QA) Inspector discovered a total of (4) four, longitudinal linear indications from 25mm to 35mm in length in the following welds; SSD12A-PP28-170, 171, 175, 176, 183 and SSD10A-PP26-180. These welds have been previously tested and accepted by ZPMC Quality Control (MT) and (UT) Technicians.

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

WELDING INSPECTION REPORT

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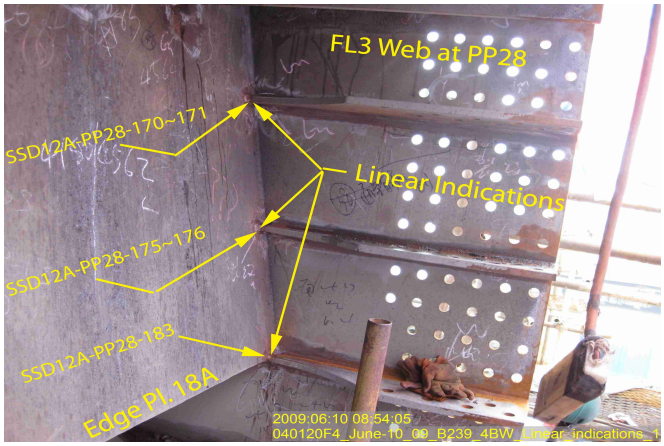
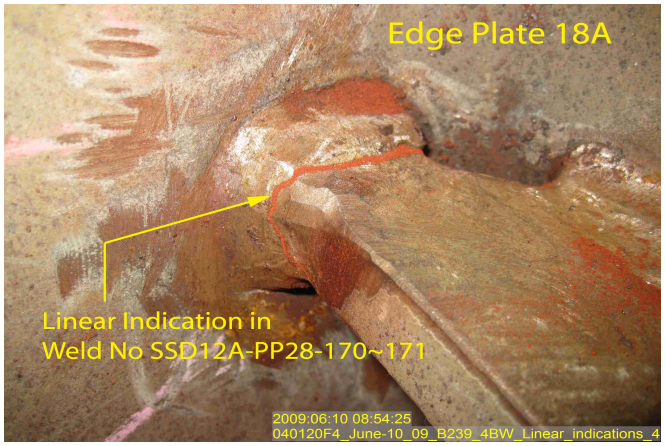
Summary of Conversations:

No Relevant conversations





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 Eric Tsang, (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Patterson,Rodney	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer