

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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009858**Date Inspected:** 23-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****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 Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, M. Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # TRIAL ASSEMBLY YARD

This QA inspector witnessed final tension verification for lower chevron angle plate of Lift 5 West. Witnessed turn on nut for 180 degree and found the tension to be in general compliance. The panel point, location and bolt size designations are as follows:

M22 X 65 (PP35 and PP36)

OBG # TRIAL ASSEMBLY YARD (1AAW-1AW)

This QA inspector performed Ultrasonic Testing (UT) and collected data of Caltrans QA Inspectors B205 rejectable indications identified by UT for 1AAW-1AW Side panel, Weld Number # OBW1A-004 and 005. Prepared and forwarded to team lead leader the Ultrasonic Transverse indication Evaluation Sheet and Scatter graph for further action.

OBG # TRIAL ASSEMBLY YARD (1AW-1BW)

This QA inspector performed Ultrasonic Testing (UT) and collected data of Caltrans QA Inspectors B287 and

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B277 reject able indications identified by UT for 1AAW-1AW Side panel, Weld Number # OBW1A-007. Prepared and forwarded to team lead leader the Ultrasonic Transverse indication Evaluation Sheet and Scatter graph for further action.

OBG # TRIAL ASSEMBLY YARD (5AE-5BE)

This QA inspector performed Ultrasonic Testing (UT) and collected data of Caltrans QA Inspectors B287 and B277 reject able indications identified by UT for 1AAW-1AW Edge and Side panel, Weld Number # OBE5A-003, 004 and 005. Prepared and forwarded to team lead leader the Ultrasonic Transverse indication Evaluation Sheet and Scatter graph for further action.

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

Summary of Conversations:

No Relevant Conversation.

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 , who represents the Office of Structural Materials for your project.

Inspected By:	Manikandan,Murugan	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
