

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-008752**Date Inspected:** 28-Jul-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**Summary of Items Observed:**

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

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) Trial Assembly Areas

4AE

This Quality Assurance (QA) Inspector observed at PP 24 welding for Floor Beam Flange to Deck Panel Diaphragm finished and grinding in progress to remove visually inspected discontinuity.

4AE

This Quality Assurance (QA) Inspector observed at PP 25 welding for Floor Beam Flange to Deck Panel Diaphragm finished and visual inspection by ZPMC CWI is due.

3AE

This Quality Assurance (QA) Inspector observed at PP 21 Magnetic Particle inspection by ZPMC and ABF carried out for back gouged area of weld which connects Floor Beam Flange to Deck Panel Diaphragm.

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3AE

This Quality Assurance (QA) Inspector observed at PP 22 Magnetic Particle Inspection by ZPMC and ABF carried out for back gouged area of weld which connects Floor Beam Flange to Deck Panel Diaphragm.

3AE

This Quality Assurance (QA) Inspector observed at PP 20 and PP 20 Longitudinal Stiffener (LD) North Side got distorted earlier during heat straightening for the same weld Bottom Panel to Side Panel cut loose and LD to Bottom Panel cut loose and heat straightening is in progress to align LD.

2BE

This Quality Assurance (QA) Inspector observed at PP 18 temporary Sea Fastener Structure welding is in progress at place.

4BE

This Quality Assurance (QA) Inspector observed at PP 27 Deck Panel Diaphragm to Floor Beam Flange crack removal by grinding carried out and welding is in progress.

3AW

This Quality Assurance (QA) Inspector observed at PP 20 and PP 21 Magnetic Particle Testing inspection by ABF QA is in progress.

1AW to 1AAW

This Quality Assurance (QA) Inspector observed at PP 8.5 of 1AW to 1AAW fit-up is in progress.

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: Math,Manjunath

Quality Assurance Inspector

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Reviewed By: Carreon,Albert

QA Reviewer