

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-002453**Date Inspected:** 05-May-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 800**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Xi**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:**

The Caltrans Quality Assurance (QA) Inspector Charlie Franco was present at the time requested to randomly observe welding and associated operations being performed for the Tower and Orthotropic Box Girders (OBG).

New Tower Shop Bay 1:

The QA Inspector observed no welding or other work being performed for this contract.

New Tower Shop Bay 2:

The QA Inspector observed no welding or other work being performed for this contract.

New Tower Shop Bay 3:

The QA Inspector observed no welding or other work being performed for this contract.

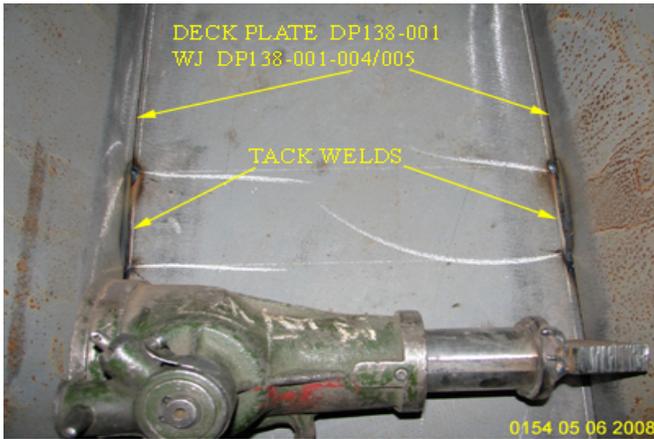
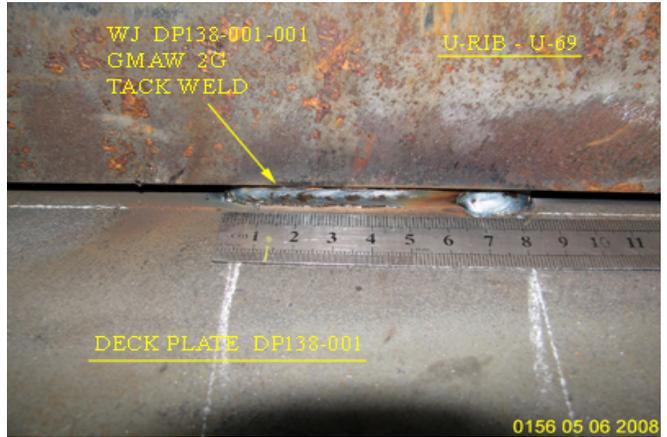
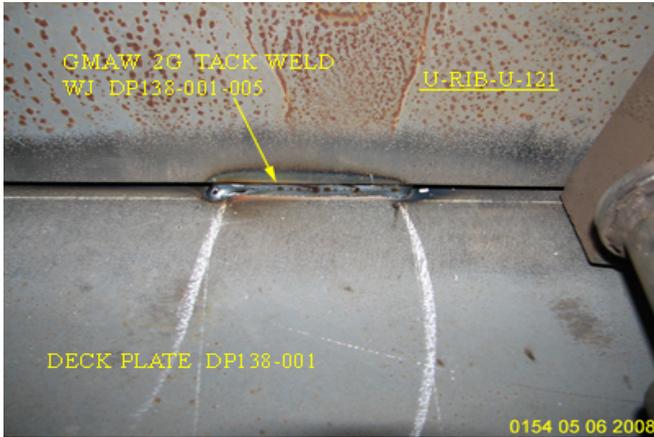
OBG Bay 1:

The QA Inspector randomly observed ZPMC welders Tang Ke ID Number 062305 and Sheng Shi Zhen ID Number 059401, utilizing the Gas Metal Arc Welding (GMAW) Process in the 2G (Horizontal Groove) Position, with ZPMC WPS WPS-B-T-2342-U2(U-Rib), to tack weld Closed Ribs (U-Ribs) U-69, U-121, U-122, U-217 and U-215 to Deck Plate DP138-001 at WJ's DP138-001-001 through DP138-001-010 respectively. The QA Inspector

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

randomly observed ZPMC CWI Chen Xi monitoring weld parameters. The weld parameters appeared to comply with contract requirements. The attached photographs provide additional detail.



Summary of Conversations:

There were 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 Patrick Lowry (858) 344-2712, who represents the Office of Structural Materials for your project.

Inspected By: Franco,Charlie

Quality Assurance Inspector

Reviewed By: Carreon,Albert

QA Reviewer