

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025817**Date Inspected:** 25-Jul-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shen Jian Bo**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, Nagalingam Pandaram Pillai was present during the times noted above for observations relative to the work being performed.

Visual Inspection:-

Punch List Items

OBG Segment 13BW & 13CW

This QA Inspector performed a visual inspection on OBG Segment 13BW Longitudinal Diaphragm (LD3034) Mechanical Electrical Protrusion (MEP) for punch list item no: 3448. The two pipe sleeves and guide plates were welded. The MEP caps are missing it was informed to the Lead QA Inspector. The ZPMC QC and ABF QA personnel are aware of this issue and were present during the inspection.

This QA Inspector performed a visual inspection on OBG Segment 13BW Side Panel (SP3105) Mechanical Electrical Protrusion (MEP) for punch list item no: 3454. The pipe sleeve welded and guide plate was missing. It was informed to the Lead QA Inspector. ZPMC QC and ABF QA personnel are aware of this issue and were present during the inspection.

This QA Inspector performed a visual inspection on OBG Segment 13BW Longitudinal Diaphragm (LD3032) Mechanical Electrical Protrusion (MEP) for punch list item no: 3455. The four pipe sleeves and guide plates were

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welded. The MEP caps are missing it was informed to the Lead QA Inspector. ZPMC QC and ABF QA personnel are aware of this issue and were present during the inspection.

This QA Inspector performed a visual inspection on OBG Segment 13CW Deck Panel (DP3142) Mechanical Electrical Protrusion (MEP) for punch list item no: 3458. The cleared item was informed to the Lead QA Inspector.

This QA Inspector performed a visual inspection on OBG Segment 13CW Side Panel (SP3112) Mechanical Electrical Protrusion (MEP) for punch list item no: 3461. The cleared item was informed to the Lead QA Inspector.

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 Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Pillai,Pandaram	Quality Assurance Inspector
Reviewed By:	Patel,Hiranch	QA Reviewer
