**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:** Siegenthaler, Peter
**Address:** 333 Burma Road
**City:** Oakland, CA 94607

**Report No:** WIR-025057
**Date Inspected:** 27-Jun-2011

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

**OSM Arrival Time:** 700
**OSM Departure Time:** 1900
**Location:** Shanghai, China

**CWI Name:** Lu Hua Jie

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|---|---|---|---|---|---|---|---|---|
| **Inspected CWI report:** | ☐ Yes | ☑ No | ☐ N/A | **CWI Present:** | ☑ Yes | ☐ No | |
| **Electrode to specification:** | ☐ Yes | ☐ No | ☑ N/A | **Rod Oven in Use:** | ☐ Yes | ☐ No | ☑ N/A |
| **Qualified Welders:** | ☐ Yes | ☐ No | ☑ N/A | **Weld Procedures Followed:** | ☐ Yes | ☐ No | ☑ N/A |
| **Approved Drawings:** | ☑ Yes | ☐ No | ☐ N/A | **Verified Joint Fit-up:** | ☐ 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 day CALTRANS OSM Quality Assurance(QA) Inspector Mr.Shrikant Utekar was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. The QA Inspector observed and/or found the following:

BLAST SHOP # 1

VISUAL INSPECTION

OBG SEGMENT 14 EAST

This Quality Assurance (QA) Inspector performed random visual inspection after the blast cleaning operation on the interior side panel, floor beam and bottom panel of OBG segment 14East in between PP125 and PP128.7 on the cross beam side. During the visual inspection this QA observed minor gouges, arc strikes, spatter, undercut and temporary attachment were not completely removed. All information regarding these observations were marked on a weld map and submitted to QA Lead Inspector. See attached photos for additional information.

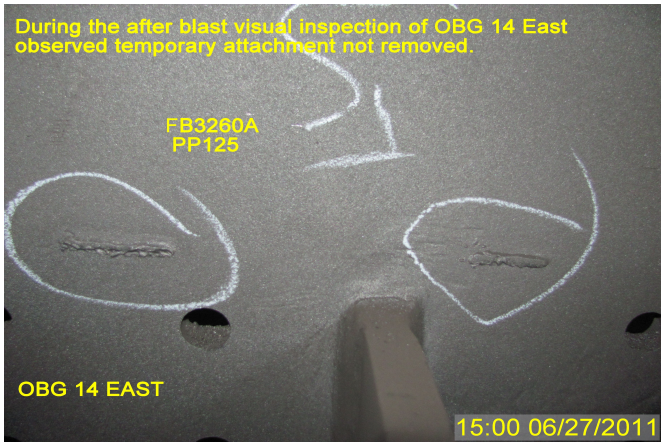
BAY # 14

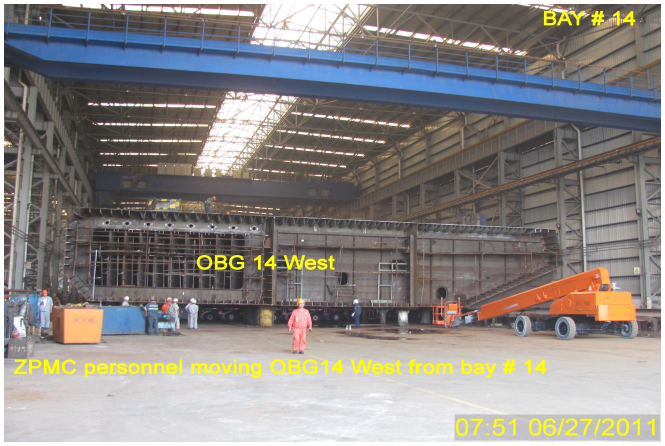
This QA Inspector observed ZPMC personnel moved OBG segment 14 West from bay # 14 to blast shop two #2.

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

# WELDING INSPECTION REPORT

*( Continued Page 2 of 2 )*



**Summary of Conversations:**

No significant conversations were reported on this date.

**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, +(86) 1500 042 2372, who represents the Office of Structural Materials for your project.

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|---|---|---|
| **Inspected By:** | Utekar,Shrikant | Quality Assurance Inspector |
| **Reviewed By:** | Peterson,Art | QA Reviewer |