

**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 #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-003526**Date Inspected:** 01-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**Quality Control Contact:** Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:****Bridge No:** 34-0006**Component:** OBG Components**Bid Item:****Lot No:****Summary of Items Observed:**

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

This QA Inspector observed the following work for Surface Preparation and/or Coating Application work in progress:

OBG Internal Blasting Surface Inspection Request No. 7243

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Internal Blasting for the following locations at Shanghai Port Machinery Plant (SPMP) blasting workshop "Bay - C".

1. Lift 13 East, Internal middle section floor from PP 119(+1500) to PP 120.

Inspection Conclusions: Rejected by ABF QA as re-blasting recommended and Caltrans QA's concurred with the ABF QA's Inspection.

Miscellaneous items for OBG, Inspection Request No. 7244

A joint two party inspection was performed by ABF QA's and Caltrans QA for the miscellaneous items for OBG (as mentioned below) for degreasing and cleaning at west gate of blasting workshop # 1 & 2.

---

---

## SOURCE INSPECTION REPORT

( Continued Page 2 of 3 )

---

---

1. Crash Barrier - Total 11 nos.
2. Shim Plates for CB # 19 – Total 16 nos.
3. L Splice for CB# 19 – 2 nos.

Inspection Conclusions: Rejected by ABF QA as de-greasing and cleaning does not meet the specification and Caltrans QA's concurred with the ABF QA's Inspection.

OBG Internal Blasting Surface Inspection Request No. 7245

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Internal Blasting for the following locations at Shanghai Port Machinery Plant (SPMP) blasting workshop "Bay – C". Inspection time as per notification 12:00 Hrs.

1. Lift 13 East, Internal middle section floor from PP 119(+1500) to PP 120.
2. Lift 13 East, Internal West Section vertical of Floor Beam from PP 118 till PP 119(-1500).

Inspection Conclusions: Rejected by ABF QA as re-blasting recommended and Caltrans QA's concurred with the ABF QA's Inspection.

Assembled Splices after re-blasting, Inspection Request No. 7247

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Assembled Splices after re-blasting at painting workshop # 6.

1. Assembled Splices after re-blasting - Total 356 nos.

Inspection Conclusions: Rejected by ABF QA as holidays found at the edges and Caltrans QA's concurred with the ABF QA's Inspection.

OBG Internal Blasting Surface Inspection Request No. 7250

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Internal Blasting for the following locations at Zhenhua Port Machinery Company (ZPMC) blasting workshop # 4.

1. Lift 13 West, Internal West Section Floor and vertical of Floor Beam from PP 122.5 to end weld seam.

Inspection Conclusions: Rejected by ABF QA as re-blasting recommended and Caltrans QA's concurred with the ABF QA's Inspection.

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

### **Summary of Conversations:**

No relevant conversation were reported on this date.

---

---

## SOURCE INSPECTION REPORT

*( Continued Page 3 of 3 )*

---

---

### 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 T Sang 1500-0042-2372, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Math,Manjunath	Quality Assurance Inspector
----------------------	----------------	-----------------------------

---

<b>Reviewed By:</b>	Miller,Mark	QA Reviewer
---------------------	-------------	-------------