

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
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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-003813**Date Inspected:** 28-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**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 and SAS Tower Fabrication**Summary of Items Observed:**

This QA Inspector was tasked to inspect one steel plate for the 139th batch, two plates for the 140th batch and five plates for the 141st batch that are ready to have check samples taken for testing. The QA Inspector assigned the following lot numbers to eight check sample plates. All samples taken were having dimension of 460 mm long and 355 mm wide with the long axis perpendicular to the direction of roll. Direction of rolling, and QA Inspector's lot number were placed on check samples.

The following are a list for the 139th Batch.

| Sample # | Date      | Heat #    | Plate Type/Grade   | Thickness | Lot Number |
|----------|-----------|-----------|--------------------|-----------|------------|
| 398      | 8.28.2008 | 07104044N | A709M-HPS-485WT2-Z | 90mm      | B103-01-08 |

The following are a list for the 140th Batch.

| Sample # | Date      | Heat #     | Plate Type/Grade | Thickness | Lot Number |
|----------|-----------|------------|------------------|-----------|------------|
| 399      | 8.28.2008 | 07302173N1 | A709M-345F2-X    | 16mm      | B103-08-08 |
| 400      | 8.28.2008 | 08301131N0 | A709M-345F2-X    | 14mm      | B103-02-08 |

The following are a list for the 141st Batch.

| Sample # | Date | Heat # | Plate Type/Grade | Thickness | Lot Number |
|----------|------|--------|------------------|-----------|------------|
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## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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|-----|-----------|------------|---------------|------|------------|
| 401 | 8.28.2008 | 08300217N0 | A709M-345F2-X | 30mm | B103-04-08 |
| 402 | 8.28.2008 | 08300219N0 | A709M-345F2-X | 30mm | B103-06-08 |
| 403 | 8.28.2008 | 08300250N0 | A709M-345F2-X | 14mm | B103-07-08 |
| 404 | 8.28.2008 | 08300307N0 | A709M-345F2-X | 30mm | B103-05-08 |
| 405 | 8.28.2008 | 08302896N0 | A709M-345F2-X | 14mm | B103-03-08 |

### Summary of Conversations:

No significant conversation occurred today.

### 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 Joshua Ishibashi, (858) 232-7081, who represents the Office of Structural Materials for your project.

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| <b>Inspected By:</b> | Lizardo, Joselito | Quality Assurance Inspector |
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| <b>Reviewed By:</b> | Cuellar, Robert | QA Reviewer |
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