

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 #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000176**Date Inspected:** 21-Dec-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Sun Bo**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:** Check Test Samples**Bridge No:** 34-0006**Component:** Check Samples**Bid Item:** 52/55**Lot No:** L17-191-07 thru L17-208-07**Summary of Items Observed:**

Caltrans Quality Assurance Inspector Gabriel Quintana (QA Inspector) arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to verify and observe samples of material are removed as specified in the Contract Special Provisions. QA Inspector verified that the heat numbers, batch numbers, grade, thickness and identification number for batch number six (6), seven (7) and nine (9) matched the list of material for the Caltrans Check Test Samples provided. QA Inspector observed that all samples removed are 355mm wide and 460 mm long with the long dimension transverse to the direction of rolling. QA Inspector observed that all markings that previously identified the sample were removed from the sample by grinding. QA Inspector identified each plate and with an arrow indicating the direction of roll and assigned a Caltrans Lot Number for each plate sampled. The following list shows the Caltrans Lot Numbers assigned, heat numbers thickness and grades of the materials sampled. See the photographs on the following page which show various samples and marking placed on the samples.

List of Material for Check Test Samples (Sixth Batch)

| Lot Number | Heat No. | Grade | Thickness |
|------------|-----------|-------------------|-----------|
| L17-191-07 | 7100576N | A709M-345F2-X-Z25 | 45mm |
| L17-192-07 | 7200217N | A709M-345F2-X-Z25 | 45mm |
| L17-193-07 | 7200336N | A709M-345F2-X-Z25 | 60mm |
| L17-194-07 | 7200494N | A709M-345F2-X-Z25 | 60mm |
| L17-195-07 | 7200495N | A709M-345F2-X-Z25 | 60mm |
| L17-196-07 | 07200576N | A709M-345T2-Z | 90mm |
| L17-197-07 | 07101213N | A709M-345T2-Z | 90mm |

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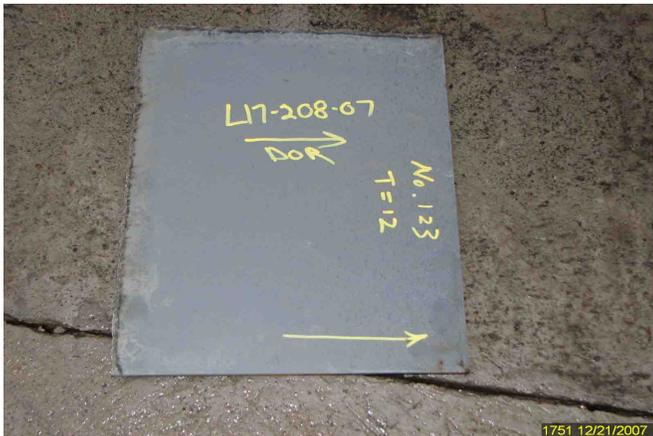
| | | | |
|------------|----------|---------------|------|
| L17-198-07 | 7300110N | A709M-345T2-Z | 60mm |
| L17-199-07 | 7201776N | A709M-345T2-Z | 45mm |

List of Material for Check Test Samples (Seventh Batch)

| Lot Number | Heat No. | Grade | Thickness |
|------------|------------|---------------|-----------|
| L17-200-07 | 7302178N | A709M-345F2-X | 20mm |
| L17-201-07 | 07302675N0 | A709M-345F2-X | 14mm |
| L17-202-07 | 7203523N | A709M-345F2-X | 12mm |
| L17-203-07 | 07302448N0 | A709M-345F2-X | 18mm |
| L17-204-07 | 7200907N | A709M-345F2-X | 14mm |
| L17-205-07 | 07302153N0 | A709M-345F2-X | 18mm |
| L17-206-07 | 07302907N0 | A709M-345F2-X | 16mm |
| L17-207-07 | 07303374N0 | A709M-345F2-X | 18mm |

List of Material for Check Test Samples (Ninth Batch)

| Lot Number | Heat No | Grade | Thickness |
|------------|----------|---------------|-----------|
| L17-208-07 | 07108201 | A709M-345F2-X | 12mm |



Summary of Conversations:

QC Inspector informed the QA Inspector that he will contact the QA Department when the samples are ready to be placed in boxes prior to shipping.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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| Inspected By: | Quintana, Gabriel | Quality Assurance Inspector |
| Reviewed By: | Cochran, Jim | QA Reviewer |
