

**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-016411**Date Inspected:** 10-Aug-2010**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

<b>CWI Name:</b>	N/A	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes No N/A	<b>Rod Oven in Use:</b>	Yes No N/A	
<b>Electrode to specification:</b>	Yes No N/A	<b>Weld Procedures Followed:</b>	Yes No N/A	
<b>Qualified Welders:</b>	Yes No N/A	<b>Verified Joint Fit-up:</b>	Yes No N/A	
<b>Approved Drawings:</b>	Yes No N/A	<b>Approved WPS:</b>	Yes No N/A	
		<b>Delayed / Cancelled:</b>	Yes No N/A	
<b>Bridge No:</b>	34-0006	<b>Component:</b>	OBG Components	

**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Material storage yard.

This QA inspector witnessed the check/cut samples for destructive test. The material grade is A709M-345. The check samples were cut for the destructive test for the fracture critical Plates. The heat number and thickness of the plates are as below:

1. Heat# 7301471N Thickness-22 mm
2. Heat#09102011N1 Thickness-35 mm
3. Heat#08301138N0 Thickness-40 mm
4. Heat#08301002N0 Thickness-30 mm
5. Heat#08301132N0 Thickness-40 mm
6. Heat#08303219N0 Thickness-30 mm
7. Heat#08303329N0 Thickness-30 mm
8. Heat#08306537N0 Thickness-40 mm
9. Heat#08306536N0 Thickness-40 mm
10. Heat#08306748N0 Thickness-40 mm
11. Heat#08306969N0 Thickness-40 mm
12. Heat#08306756N0 Thickness-40 mm
13. Heat#09300539N3 Thickness-40 mm

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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14. Heat#09201487 Thickness-40 mm

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

**Summary of Conversations:**

No relevant conversations.

**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.

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<b>Inspected By:</b>	Patel,Hiranch	Quality Assurance Inspector
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<b>Reviewed By:</b>	McClendon,Timothy	QA Reviewer
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