

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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 Vallejo, CA 94592-1133
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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-007465**Date Inspected:** 04-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	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 COMPONENT	

Summary of Items Observed:

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

Magnetic Particle Testing

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member(s) are identified as Suspender Brackets.

BAY #19

For SB004-012E

Weld numbers are

SB004-012-025,037,049,055,061,067,034,046,058,005&008

For SB005-016E

Weld numbers are

SB005-016-025,037,049,055,061,067,031,043,005,006&008

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For SB002-018W

Weld numbers are

SB002-018-025,037,049,055,061,067,033,049,005,006&008

Ultrasonic Testing (UT)

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. During random verification of Ultrasonic Testing (UT) on weld joint identified as SB005-016-001 for Suspender Bracket SB005-016E this QA discovered a class "A" rejectable indication measuring approximately 50mm in length .

This QA Inspector generated an UT report for this date and for more information refer incident report on this date.

The UT members are identified as Suspender Brackets.

For SB004-012E

Weld numbers are

SB004-012-004,005,001,025,037,043,055,061,047&067

For SB005-016E

Weld numbers are

SB005-016-001,004,007,020,005,025,031,037055,061&067

For SB002-018W

Weld numbers are

SB002-018-001,004,005,007,025,031,037,043,049,055,061&019

Green Tagging

This QA inspector performed Visual Inspection for Suspender Brackets which were previously accepted by ZPMC Quality Control personnel and ABF QA personnel .

The members are identified as

Suspender Brackets No.

Green Tagging No.

SB004-012E 005429

SB002-018W 005431

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Unless otherwise noted, all work 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.

Inspected By:	Bera,Subhasis	Quality Assurance Inspector
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Reviewed By:	Prue,Erik	QA Reviewer
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