

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 #: 69.28**WELDING INSPECTION REPORT**

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-007419
Date Inspected: 18-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.

OUTSIDE SEGMENT ASSEMBLY AREA**Magnetic Particle Testing**

This Quality Insurance Inspector (QA) performed 100% verification Magnetic Particle Testing (MT) for segment 3AE at X37A to I-rib after repair the weld joint area. This weld was previously tested and accepted by ZPMC QC MT technicians.

The weld designations reviewed are as follows:

For Segment 3AE

SEG-014D-007

For Segment 2BW

0BW2-001

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For Segment 3BE

SSD19A-PP023-136

SSD19-PP023-140

For Segment 4BE

SSD18A-PP028-138

SSD18-PP028-188

Visual Inspection

For Green Tagging Inspection of the OBG Suspender Brackets at Outside Trail assembly Yard ,the QA inspector Observed the suspender brackets are painted and the cope hole area is covered by Silicon caulking .

For visual inspection the ZPMC has to remove the silicon caulking from cope hole area , if there is any sharp edges or not.

The Suspender Brackets are

SB002-022(SB22W)

SB006-026(SB26E)

SB003-026(SB26W)

SB003-024(SB24W)

SB006-020(SB20E)

SB002-020(SB20W)

SB006-028(SB28E)

SB006-022(SB22E)

SB006-024(SB24E)

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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