

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-011507**Date Inspected:** 02-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**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 Components	

Summary of Items Observed:

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

OUTSIDE SHOP

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 members are identified as Segment 8BE. The weld designations reviewed are as follows:

SEG046B-001,002,011,012,013,014,009,003,004,017,019,015,016,005,021,025,031,033,035,039,040,044,045.

SSD29-PP64.5-171,172.

SSD19-PP65-109,111,110,112,048,050,004.

SSD29-PP65.5-171,172,173,174.

SSD19-PP66-109,111,28,050.

SSD29-PP66.5-172,173,175.

SSD19-PP67-109,111,048,050.

CSD2-PP64.5-127,129,130,131,143,139,137,161,162,151,153.

CSD6-PP65-123,121,075,063,065,067,087,091,101,105,109.

CA051-010. Transverse indication L=8mm. Incident report written for this incident.

During the Quality Assurance Magnetic particle Testing (MT) review of welds located on OBG Corner assembly, this Quality Assurance Inspector (QA) discovered the following issue:

-One (1) Transverse linear indication that measured approximately 08mm in length.

For more information please see the Incident report

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04-0120F4_TL-15_B247_01-02-10_Seg8BE__MT_Transverse_Indication[1].

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

Summary of Conversations:

No relevant Conversation.

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-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	Patterson,Rodney	QA Reviewer
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