

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-004868**Date Inspected:** 05-Dec-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**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:	deck panels	

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance Inspector (QA) Steve Hall was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

Due to ZPMC Ferry cancellation this QA did not arrive to Changxing Island until 16:00 hrs via tug boat.

OBG sub assembly bay 7

QA received Non Destructive Testing (NDT) notification document no. 001565 from ZPMC QC and witnessed and performed 10% verification Magnetic particle Testing (MT) on the following weld joints:

FB014-025 welds 023~041. All welds tested appeared to be compliant. QA signed off on yellow tag #02069.

Note: welds 001,003~019 and 021 are listed on the NDT notification but were not completed by ZPMC because they are on the far side of this floor beam.

FB014-024 welds 001,003~019 and 021. All welds tested appeared to be compliant. QA signed off on yellow tag #02068.

Note: welds 023~041 are listed on the NDT notification but were not completed by ZPMC because they are on the far side of this floor beam.

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FB014-028 welds 023~041. All welds tested appeared to be compliant. QA signed off on yellow tag #01690.

Note: welds 001,003~019 and 021 are listed on the NDT notification but were not completed by ZPMC because they are on the far side of this floor beam.

FB005-027 welds 023~041. All welds tested appeared to be compliant. QA signed off on yellow tag #01691.

Note: welds 001,003~019 and 021 are listed on the NDT notification but were not completed by ZPMC because they are on the far side of this floor beam.

FB004-028 welds 023~041. All welds tested appeared to be compliant. QA signed off on yellow tag #02071.

Note: welds 001,003~019 and 021 are listed on the NDT notification but were not completed by ZPMC because they are on the far side of this floor beam.

FB004-027 welds 001,003~019 and 021. All welds tested appeared to be compliant. QA signed off on yellow tag #02070.

Note: welds 023~041 are listed on the NDT notification but were not completed by ZPMC because they are on the far side of this floor beam.



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Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

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 Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By:	Hall,Steven	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
