

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-013605**Date Inspected:** 08-Apr-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

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:	Bolt assemblies	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Dan Hernandez was present during the times noted above to observe the fit up, welding and related activities associated with the fabrication of the San Francisco Oakland Bay Self Anchored Suspension Bridge at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

Bolt Testing Room

This QA Inspector observed ZPMC personnel performing Rotational Capacity and Pre-installation torque verification testing with a Skidmore-Wilhelm MS 15865 (cal expiration date 6/1/10), HT 1015 (cal expiration date 6/4/10) and torque wrench identified as #2 (cal expiration date 3/10/11) on the follow bolts:

Skidmore-Wilhelm MS 15865

#73 Lot DHGM220104 M22x85
#74 Lot DHGM220105 M22x65
#77 Lot DHGM220100 M22x95
#78 Lot DHGM220101 M22x100
#79 Lot DHGM220097 M22x60
#80 Lot DHGM220098 M22x85
#81 Lot DHGM220099 M22x90
#82 Lot DHGM220103 M22x80

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Skidmore-Wilhelm HT 1015

#4 Lot DHGM240062 M24x170

#5 Lot DHGM240063 M24x175

#10 Lot DHGM240058 M24x130

#12 Lot DHGM240068 M24x170

#23 Lot DHGM240070 M24x180

#24 Lot DHGM240064 M24x75

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:	Hernandez,Dan	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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