

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-012196**Date Inspected:** 07-Feb-2010**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:** Chen Xi/Liu Fa Wen**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, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay#5

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The member is identified as OBG Components. The weld designations reviewed are as follows:

-(TR5B-PP043-004)

Bay#1

FCAW welding of weld joint 21TR4-003-003 located on Traveler Rail 21TR4. Welder is identified as 219188 (1G). ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U5-F.

Bay#3

FCAW welding of weld joint 20TR2-011-015 located on Traveler Rail 20TR2. Welder is identified as 214945 (1G). ZPMC QC is identified as Guo Yuan Ting. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U5-F.

FCAW welding of weld joint 20TR2-011-011 located on Traveler Rail 20TR2. Welder is identified as 214945 (1G). ZPMC QC is identified as Guo Yuan Ting. The welding variables recorded by QC appeared to comply with

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the Applicable WPS-B-T-2231-Tc-U5-F.

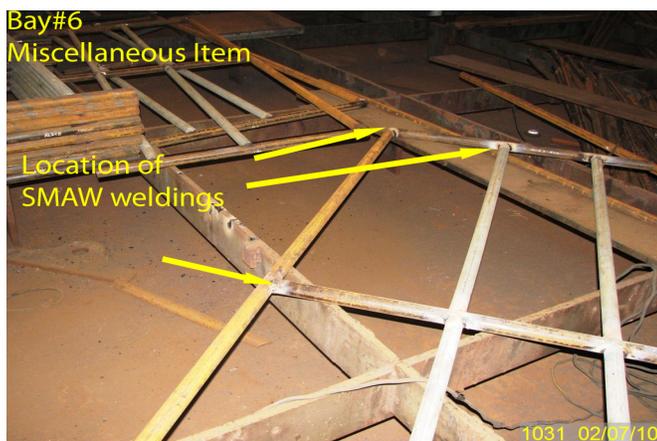
Bay#6

SMAW welding of miscellaneous items, hand rails pipes located on bay#6. Welders are identified as 066361 and 067764 (4G). ZPMC QC is identified as Cui Jun Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS. For further information, please see attached pictures.

Bay#7

Weld repair performed by FCAW welding of weld joint 10TR1-016-010 located on Traveler Rail 10TR1-016. Welder is identified as 066401 (2G). ZPMC QC is identified as Cui Jun Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS-345-FCAW-2G(2F)-Repair-1. For further information, please see attached pictures.

Unless otherwise noted, all 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

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remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel,Hiranch	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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