

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023420**Date Inspected:** 01-May-2011**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:** Zheng zhi qiang**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.

BAY#19

FCAW welding of weld is identified as 3G-134 of SA6029-001 for SA6029. The welder is identified as 062739. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-ESAB.

FCAW welding of weld is identified as 1G-129 of SA6030-001 for SA6030. The welder is identified as 062749. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-ESAB.

FCAW welding of weld is identified as 1G-010 of BK025A1-001 for BK25A-001. The welder is identified as 062807. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-ESAB.

FCAW welding of weld is identified as 1G-001/002 of BK25A2-001 for BK25A-001. The welder is identified as 062783. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-ESAB.

FCAW welding of weld is identified as 3F-068 of BK24A7-001 for BK24A-001. The welder is identified as

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062783. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2133-ESAB.

ZPMC personnel performing heat straightening of cable bracket bottom flange is in progress of SA6529 & SA6029 as per HSR1 (B)-10329.

ZPMC QC NDT MT personnel performing MT of fillet welds which is connecting bike path top plate to stringer plate , the bike path is identified as BK25A-001.

ZPMC personnel performing Temporary attachment removal of cable bracket is in progress.

ZPMC personnel performing grinding of cable bracket fillet, CJP and PJP welds are in progress.

ZPMC personnel performed MT on seal plate (SP1) weld location of web plate connecting bottom plate is identified as X6581 before doing fit-up of bearing plate X6539D, E.

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



Summary of Conversations:

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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
Reviewed By:	Patel,Hiranch	QA Reviewer
