

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-008423**Date Inspected:** 01-Jul-2009**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:** Shen fu you**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 time noted above for observations relative to the work being performed.

BAY#14

Ongoing SMAW Welding of Weld joint 4G-198 Located on SSD14A-PP55 of 7CW Welder no indentified as 051348 and the welding variables recorded by QC ZMPC Mr. Ling ming Yang to comply with the WPS-B-P-2214-B-U2-FCM-1.

Ongoing FCAW Welding of Weld Joint 2G-005 Located on SSD13-PP54 Welder no indentified as 0203871 and The welding variables recorded by QC ZMPC Mr. Ling ming Yang to comply with the WPS-B-T-2232-Tc-U4b-F.

Ongoing SMAW Welding of Weld Joint 4G-220 Located on SSD10A-PP56 of 7CW Welder no indentified as 058242 and The welding variables recorded by QC ZMPC Mr. Ling ming yang to comply with the WPS-B-P-2214-B-U2-FCM-1.

BAY#19

Ongoing Cutting and Grinding work of Bike Path is carried out as per Approved RFI1690.

WELDING INSPECTION REPORT

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Ongoing FCAW Welding of Weld Joint 2F-010 & 2G-44 Located on BP26-009 Welder no indentified as 062749 & 062737 and The welding variables recorded by QC ZMPC Mr. Zhou cheng to comply with the WPS-B-T-2132-3 & WPS-B-T-2232-Tc-U4b-F.

BAY#13

Ongoing SMAW Welding of Weld Joint 4G-015 Located on SEG047B of 8CW Welder no indentified as 069683 and The welding variables recorded by QC ZMPC Mr. Wang xu to comply with the WPS-B-P-2214-Tc-U4b-FCM-1.

Ongoing FCAW Welding of Weld Joint 3G-034 Located on SEG047 Welder no indentified as 050242 and The welding variables recorded by QC ZMPC Mr. Wang xu to comply with the WPS-B-T-2233-Tc-U4b-F.

This Quality Assurance (QA) Inspector observed that ZPMC CWI Quality Control (QC) Inspector was not present during the welding operations in OBG Sub assembly Bay 19 during the time of QA observations from 0800 to 1100 and also Lack of weld trackings in reports. This time frame exceeds the allowable maximum time for QC Inspection coverage as required by Section 8-3 of the Special Provision. For further information please see the Incident report 040120F4_TL015_B255_07-01-09_Bay 19_CWI not present

Unless otherwise noted, all 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 Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
