

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-020090**Date Inspected:** 23-Jan-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:** Xu tao**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

SMAW welding of critical repair (R7) weld is identified as 1G-004 of SB022-104 for SB104 West. The welder is identified as 259566. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G-Repair and CWR-2699.

FCAW welding of weld is identified as 2F-005 of SB025-108 for SB108 East. The welder is identified as 062808. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-ESAB.

ABF QC NDT MT personnel performing MT temporary attachment removal locations of bearing plate for SB104 East progress.

This QA inspector performed VT internal welds and cleanliness checked before fit-up of End closure plate the locations where need additional grinding and cleaning marked. ZPMC personnel repaired those locations. The bike path is identified as BK004A-013.

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG bike path and suspender bracket. The weld designations reviewed as follows

BK4A1-014-006,005,008,038

GGL-MQ-1840-001~004

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SB025-108-005,006

An ABF QC personnel performing dimensional check of SB108West is in progress.

Unless otherwise noted, all work 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 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
