

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-008332**Date Inspected:** 03-Aug-2009**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:** Li Zhi jiang/SunWei**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 Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY#1

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint numbers 002 and 003 located on CW002B-PP088. Welder is identified as 216575. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 002 located on CW001B-PP074. Welder is identified as 251246. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#2

This QA inspector observed the following work in progress:

S.A.W. welding of weld joint number 017 located on FB3020-001. Welder is identified as 045265. ZPMC QC is identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

S.A.W. welding of weld joint number 001 located on FB3083-001. Welder is identified as 250050. ZPMC QC is

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identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#5

This QA inspector observed the following work in progress:

Fit up and S.M.A.W. tack welding of weld joint number 002 located on BK 001-021. Welder is identified as 204733. ZPMC QC is identified as Zheng Zhi Wei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Fit up and S.M.A.W. tack welding of weld joint number 002 located on BK 001-024. Welder is identified as 204733. ZPMC QC is identified as Zheng Zhi Wei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#7

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 004 located on BP3045-001. Welder is identified as 053609. ZPMC QC is identified as Zhong Chong Biao. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 008 located on BP3026-001. Welder is identified as 202841. ZPMC QC is identified as Zhong Chong Biao. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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 (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
