

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-006594**Date Inspected:** 27-Apr-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#3

This QA Inspector observed the following work in progress:

F.C.A.W. welding for weld joint number 043 and on FB015-032. Welder is identified as 044830. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

Fit up and S.M.A.W. tack welding of the stiffeners for weld joint numbers 003 and 017 on FB 004-042. Verified joint fit up of components. Welder is identified as 207292. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

Fit up and S.M.A.W. tack welding of the stiffeners for weld joint number 006 on FB 004-042. Verified joint fit up of components. Welder is identified as 058102. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

S.A.W. welding for weld joint numbers 021 and 062 on FB005-045. Welder is identified as 044780. ZPMC QC is identified as LiZhi Jiang. The welding variables recorded by QC appeared to comply with the applicable WPS.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

BAY#9

This QA Inspector performed Visual Testing (VT) of completed deck panel repairs. The weld repairs appeared to comply visually per Caltrans Engineer Approved Repair Procedure. The deck panel designation numbers are as follows:

DP125-001-9DW DP340-001-9CE

DP314-001-9DE

DP449-001-9DE

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
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Reviewed By:	Carreon,Albert	QA Reviewer
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