

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-005913**Date Inspected:** 06-Feb-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:	Liu Hua Jie/ Huang Weh Pang/Hu			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, Chandrakumar.S was present during the time noted above for observations relative to the work being performed

Summary of OBG Fabrication

OBG Bay 2

Segment 2-002

Segment 1A -Welding in progress

CA32B Welding (Corner Assembly)

CSD13D, CSD13A -Welding in progress

CSD9-PPO60, CSD3-PP053 -Fit up

CSD6-PP49, CSD3-PPO50, CSD3-PPO52, CSD9-PP057 -Welding in progress

SEG1-011, SEG2-013 -Backgouging

FB006-163-001 & FB006-163-002 -Fabrication

FB006-172-001 & FB006-172-002 -Fabrication

FB006-171-001 & FB006-171-002 -Fabrication

FB006-168-001 & FB006-168-002 -Fabrication

FB006-167-001 & FB006-167-002 -Fabrication

FB003-173-001 & FB003-176-001 Stiffeners being welded

FB005-036-007-Tack welding

OBG Bay 3

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FB010-027 Tack Welding
FB009-029 Tacked together
ZPMC UT of FB040-003 108, 79, 89
FB027-008 Fitup W008, 117, 122
FB024-007 Fitup W008, 117, 122
CA098 Welding Stiffeners (Corner Assy)

OBG Bay 5
Tower Diaphragm Cutting materials.
BK001-001 Fabricating 5 Cantilever Beams

OBG Bay 6
SP779-001, SP213-001, SP207-004- Final QC Inspection in progress
SP522-002, SP627-001 Heat Straightening

OBG Bay 7
SP591-001, SP499-001 Stiffeners being welded
Fabrication of "T" stiffeners
BP184-001 "T" Siffeners being welded

OBG Bay 9
DP545-002 Stiffener gouging ongoing
DP585-002 Gouging of UT rejects complete, need welding
DP540-001 and DP600-001 UT reject repairs complete, need QC UT
DP555-001 and DP575-001 UT reject repairs complete, need QC UT
DP344-001 Tack welding of closed ribs
DP505-001 and DP275-001 on gantry #1, to be welded next
DP345-002 and DP289-001 Welds appear to be complete, stacked on the floor
DP165-001 and DP219-001 Welds appear to be complete, stacked on the floor

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-150-0042-2372, who represents the Office of Structural Materials for your project.

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