

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-012531**Date Inspected:** 14-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1500**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. You Qi Guo**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:** Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Nagalingam Pandaram Pillai was present during the times noted above for observations relative to the work being performed.

IN PROCESS INSPECTION:-

Visual Testing:-

BAY # 11:-

During random visual inspection in Bay 11 this Caltrans Quality Assurance (QA) Inspector observed Connecting Angle plate WD1-SA3-18-99M-5-1A/B found mechanical damage on the edge. The Size of the mechanical damage is app.6mm depth and 60mm length. It was informed to the ABF/ZPMC QC personnel for further rectification. Please see the attached picture.

BAY # 10:-

During In-process inspection in Bay 10 this Caltrans Quality Assurance (QA) Inspector observed North Tower Lift 4 (NSTL4-3B/L-1A/B) CD Corner Seam the ZPMC personnel performing an excavation of a UT-Repair area. The excavated areas were measured approximately 35mm depth, 40mm width and 140, 130mm length at 2 locations. Please see the attached picture.

TOWER TRAIL ASSEMBLY AREA:-

This Caltrans Quality Assurance (QA) Inspector performs random visual inspection in Tower Trail Assembly area

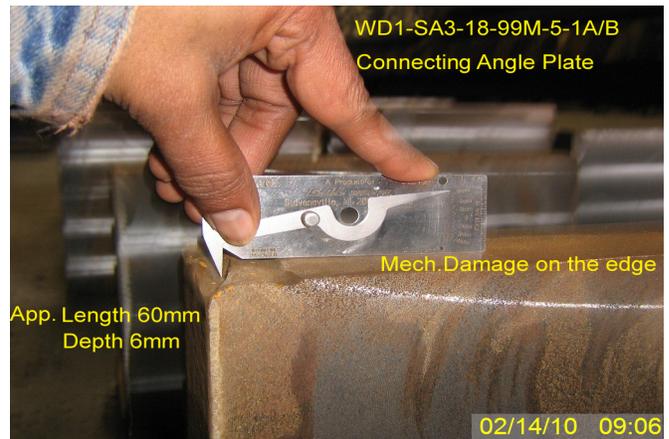
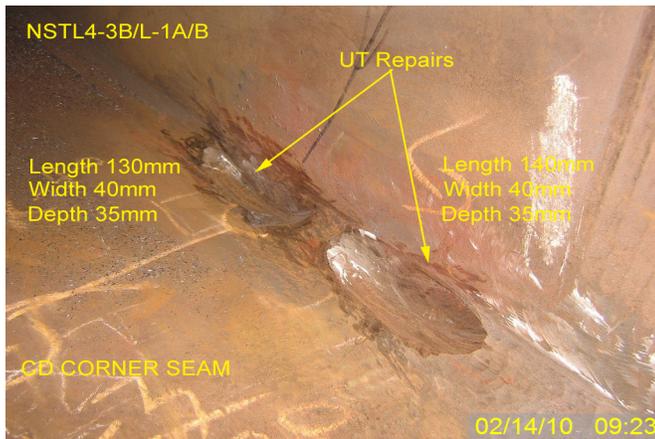
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on Interior Bearing Plates. The members are identified as:-

- NSD1-SA33 D/F-4
- NSD1-SA11-14, 16
- NSD1-SA17F/G-14, 16, 20,22,26,34
- NSD1-SA22B/E-36
- NSD1-SA76F/H-4, 14

Unless otherwise noted, all work observed on this date appeared to generally comply with the 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 Skyler Guest - 15000422360, who represents the Office of Structural Materials for your project.

Inspected By:	Pillai,Pandaram	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
