

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-001278**Date Inspected:** 17-Jan-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1830**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Hu Wei Qing**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 mock ups and OBG components**Summary of Items Observed:**

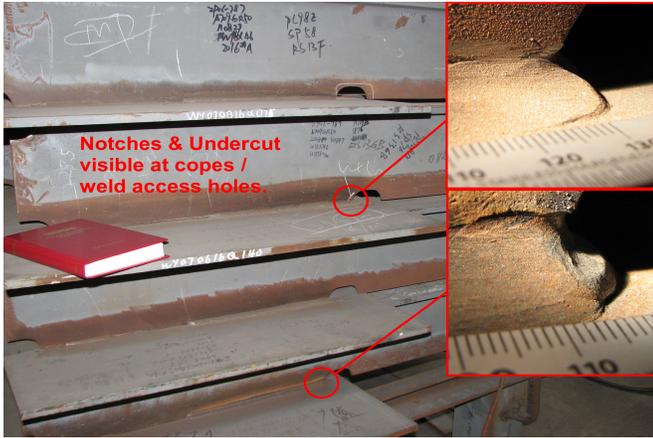
The Caltrans Quality Assurance (QA) inspector, Scott Croff, was present at Zhenhua Port Machinery Company, Ltd (ZPMC) to observe the scheduled mock up construction and production construction of the SAS Superstructure.

Bay 7: The QA inspector observed ZPMC personnel fitting and preparing plates together for floor beam diaphragm assemblies. The QA inspector spoke with the Lead CWI Hu Wei Qing. The QA inspector was informed that visual inspection is being conducted on partially completed floor beam diaphragms and that no welding will be conducted at this time.

Bay 3: The QA inspector was asked to locate and make further examinations of the welds that were reported on 12-31-2007 for part # SP075-01. The QA inspector had previously observed conditions that were not in conformance with the contract documents. The QA inspector was unable to personally locate the part and asked ZPMC Quality Control (QC) personnel if they were aware of the part's location. The QA inspector asked the QC Liaisons "Ken" Zhang Jiadi, Shen Xu Jun and Fu Yu Hong if they could assist in locating the part. The QA inspector described the condition of the welds to the QC Liaison Shen Xu Jun and showed him similar parts (SP52, SP58, SP64 and SP76). The QC Liaison then contacted the CWI Xu Xianping and explained to him what part the QA inspector was looking for and why the QA inspector was looking for the part. The QC Liaison also showed the CWI the other parts that the QA inspector had shown to the QC Liaison. The CWI explained to the QC Liaison that these parts (SP52, SP58, SP64 and SP76) were not finished yet. The QA inspector was then informed that the CWI would try to look for SP075-01. At the end of this shift, the QA inspector was unable to locate this part for further examination. See the attached photo.

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Summary of Conversations:

As noted above, the QA inspector Scott Croff had conversations with several ZPMC personnel. There were general conversations regarding the work in progress. Additional conversations are described above.

The QA inspector Scott Croff informed the QA inspector Robert Cuellar of the observations from this shift. The QA inspector Scott Croff then generated a summary report to be included in the daily shift log. There were no other notable conversations during this shift.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
