

**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-001752**Date Inspected:** 07-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 630**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wen Pang**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:** Floor Plate**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

Bay-7 Floor Plate Assembly FB-017-02 welding was in progress on weld joint 063 by ZPMC welder Chen Chuanzong #044824 qualified for FCAW in the 3-G position. The welding procedure being utilized was WPS-B-T-2232-TC-U4b-F.

Bay-3 Side Plate Assembly SP-147-001 Grinding on completed welds 013, 014 & 015 was observed.

Bay-4 Diaphragm Plates P-9 (N)-1, SA 276 (S)-1 and Plate SA268 (W)-1 were observed during heat straightening with temperature ranging from 492c to 565c. The ZPMC QC present was Yang Qing Feng.

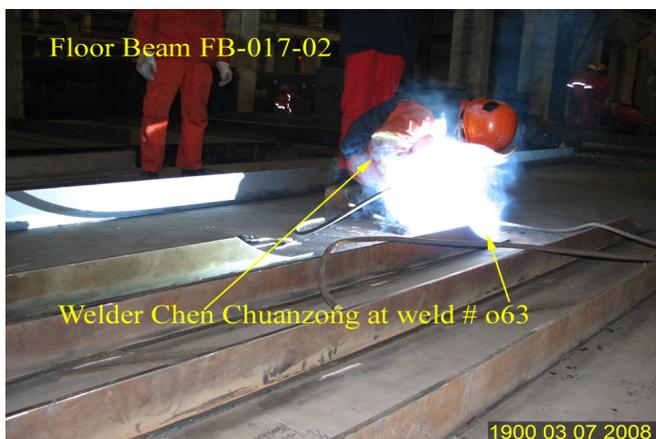
Tack welding was being observed on Plate #SSD1-SA27 A/B 1P by ZPMC SMAW welder Han Xiao Feng #0554467. The ZPMC QC present was Ma Qianli.

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# WELDING INSPECTION REPORT

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## Summary of Conversations:

There were no pertinent conversations pertaining to the project 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.

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**Inspected By:** Smith,David

Quality Assurance Inspector

**Reviewed By:** Hager,Craig

QA Reviewer

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