

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029056**Date Inspected:** 01-Feb-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** USA Hoist, Crest Hill, IL

**CWI Name:** Robert Zimny  
**Inspected CWI report:** Yes No N/A  
**Electrode to specification:** Yes No N/A  
**Qualified Welders:** Yes No N/A  
**Approved Drawings:** Yes No N/A

**CWI Present:** Yes No  
**Rod Oven in Use:** Yes No N/A  
**Weld Procedures Followed:** Yes No N/A  
**Verified Joint Fit-up:** Yes No N/A  
**Approved WPS:** Yes No N/A  
**Delayed / Cancelled:** Yes No N/A

**Bridge No:** 34-0006**Component:** SAS Tower Elevator**Summary of Items Observed:**

Caltrans Office of Structural Material (OSM) Quality Assurance Inspector (QAI) Joselito Lizardo was present at USA Hoist, Crest Hill, IL as requested to perform observations on the welding of components for the San Francisco Oakland Bay Bridge (SFOBB) Project.

At USA Hoist fabrication shop, Mr. Genaro Ulloa was noted cutting C channel for the elevator cab frame. Mr. Genaro Ulloa was noted using the Marvel Vertical Band Saw in cutting the various channels to the required length and then put the notches where they are required. The following items with mark part number of pieces and corresponding descriptions were cut and put the notches during the shift;

1. 916026 2 pieces channel C4 x 5.4 x 24 11/16" top door side angle brace
2. 916012 2 pieces channel C4 x 5.4 x 23 9/16" side center bottom panel
3. 916034 1 piece formed ch. 3/16" x 1 1/4" x 2 1/4" x 11 13/16" panel vertical center top
4. 916048 1 piece formed ch. 3/16" x 1 1/4" x 2 1/4" x 11 13/16" panel vertical center bot.
5. 916056 2 pieces channel C4 x 5.4 x 42 3/4" top and bottom sides ch.

At the same shop, Mr. Matt Wasiqi was also noted cutting to size channel C4 x 5.4. Mr. Wasiqi was noted using the Marvel Vertical Band Saw in cutting the channel to the required length and then put the notches where they are required. The following items with mark part number of pieces and corresponding descriptions were cut and put the notches during the shift;

1. 916031 8 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 103" vertical side panel channel

---

---

# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

- 2. 916008 1 piece channel C4 x 5.4 x 20 19/32" bottom door side left ch.
- 3. 916007 1 piece channel C4 x 5.4 x 20 19/32" bottom door side right ch.
- 4. 916020 1 piece channel C4 x 5.4 x 21 1/8" top door side right ch.
- 5. 916024 1 piece channel C4 x 5.4 x 21 7/16" top panel side left channel
- 6. 916019 1 piece channel C4 x 5.4 x 21 1/8" top door side left channel
- 7. 916020 1 piece channel C4 x 5.4 x 21 1/8" top door side right ch.
- 8. 916024 1 piece channel C4 x 5.4 x 21 7/16" top panel side left channel
- 9. 916025 1 piece channel C4 x 5.4 x 21 7/16" top panel side right channe

Above mentioned elevator cab frame part members were cut and notched as required during the shift. According to Mr. Genaro Ulloa, there are still many part members to be cut and that he is waiting for the shop drawing from Mr. Bob Overbeek USA Hoist Engineer.



### Summary of Conversations:

There is no significant conversation occurred today.

### 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 SMR Gary Thomas (916) 764-6027, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Lizardo, Joselito	Quality Assurance Inspector
<b>Reviewed By:</b>	Foerder, Mike	QA Reviewer

---