

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 #: 99.28**WELDING INSPECTION REPORT**

Resident Engineer: Casey, William
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-029062
Date Inspected: 04-Feb-2013

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: USA Hoist

OSM Arrival Time: 700
OSM Departure Time: 1530

Location: USA Hoist, Crest Hill, IL

CWI Name:	Robert Zimny	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:	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 continuing to cut formed 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. 916041 4 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 18 1/2" left side A channel
2. 916038 3 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 5 7/8" door side B channel
3. 916037 3 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 5 7/8" door side A channel
4. 916039 2 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 21 7/16" horizontal right-left channel
5. 916033 2 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 19 1/16" panel side angle channel
6. 916049 2 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 19 1/16" panel side angle B channel

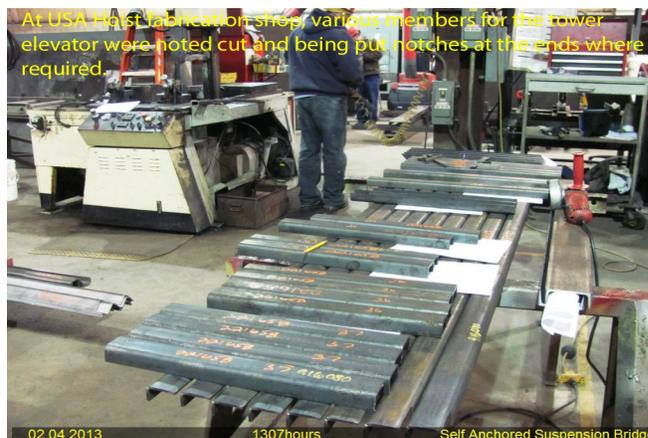
At the same shop, Mr. Matt Wasiqi was also noted continuing to cut formed channel. Mr. Wasiqi was noted using the Marvel Vertical Band Saw in cutting the channel to the required length and then put the notches where they are required. The following items with mark part number of pieces and corresponding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

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1. 916040 4 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 18 1/2" right side A channel
2. 916041 4 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 18 1/2" left side A channel
3. 916035 2 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 15 13/16" panel side B channel
4. 916036 2 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 15 13/16" panel side A channel
5. 916061 1 piece formed ch. 3/16" x 1 1/4" x 2 1/4" x 11 13/16" vertical top side channel
6. 916043 4 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 26" left side B channel
7. 916042 4 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 26" right side B channel
8. 916052 1 piece formed ch. 3/16" x 1 1/4" x 2 1/4" x 26" left side bottom channel
9. 916053 1 piece formed ch. 3/16" x 1 1/4" x 2 1/4" x 26" right side bottom channel
10. 916044 2 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 21 7/16" right-left B channel
11. 916026 2 pieces channel C4 x 5.4 x 24 11/16" top door side angle brace ch.
12. 916049 2 pieces formed ch. 3/16" x 1 1/4" x 2 1/4" x 15 13/16" panel side B channel

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.

Inspected By: Lizardo, Joselito

Quality Assurance Inspector

Reviewed By: Foerder, Mike

QA Reviewer