

**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-029601  
**Date Inspected:** 14-May-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

<b>CWI Name:</b>	Robert Zimny	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes No N/A	<b>Rod Oven in Use:</b>	Yes No N/A	
<b>Electrode to specification:</b>	Yes No N/A	<b>Weld Procedures Followed:</b>	Yes No N/A	
<b>Qualified Welders:</b>	Yes No N/A	<b>Verified Joint Fit-up:</b>	Yes No N/A	
<b>Approved Drawings:</b>	Yes No N/A	<b>Approved WPS:</b>	Yes No N/A	
		<b>Delayed / Cancelled:</b>	Yes No N/A	
<b>Bridge No:</b>	34-0006	<b>Component:</b>	Tower Elevator	

**Summary of Items Observed:**

At the start of shift, this Quality Assurance Inspector (QAI) traveled to the Fabricator's shop and observed the following:

Welding Quality Control subcontractor Robert Zimny was present this day, visually inspecting welds of Tower Elevator guiderail poles that were performed last week in his absence.

No welding took place on this project today.

The Certified Mill Test Reports (CMTRs) were re-requested for the plate material received by USA Hoist from laser-cutting vendor 'Robinson Laser' for items depicted by sheets: #9, #10, #12, #13, #15, #18, #19, #20, and #27 of Drawing #914204. No CMTRs were received by this QAI today due to the person in charge of such being out of the office for the day.

Bending operations attempted of the above-mentioned plate materials proved unsuccessful due to USA Hoist's press being of insufficient tonnage to accomplish the task for the quantities involved. It was decided by USA Hoist to have an outside vendor perform the bending operations. They are reportedly awaiting a quote for the bending required.

This QAI was shown preliminary drawings by Project Manager Tim Moran of the Motor Mount Frame assembly to provide an insight into the amount of welding forthcoming for that assembly.

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# WELDING INSPECTION REPORT

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**Summary of Conversations:**

This QAI spoke with Project Manager Tim Moran regarding the welds of flare-bevel Tower Elevator guiderail poles being insufficient in size compared with the requirements depicted by the welding symbols as provided to date.

Mr. Moran stated that he would mention it the following day to USA Hoist's Design Engineer Robert Overbeek towards a resolution to the discrepancy, when Mr. Overbeek would be back in the office.

**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.

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

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