

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-029208**Date Inspected:** 28-Feb-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** USA Hoist**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
Weld Procedures Followed:	Yes	No
Verified Joint Fit-up:	Yes	No
Approved WPS:	Yes	No
Delayed / Cancelled:	Yes	No

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

Quality Assurance Inspector (QAI) Fritz Belford was at the USA Hoist shop in Crest Hill, Illinois between the times noted above in order to monitor Quality Control functions and the in process work being performed by USA Hoist personnel. The following items were observed:

Matt Wasigi (A):

Welder Wasigi was observed continue with removing the temporary mounting bolts of the Door Mesh to the Door Frame and countersink drilling the door stop bolts holes for the door mesh M8 x 25MM LG, FHCS mounting bolts for door 6. Afterwards welder was observed fitting door to the Full Gate Assembly for fit check.

Jose Dominguez (C):

Welder Dominguez was observed continuing with machine cutting 6" x 6" x .375" tubular steel (Heat#0168580) for the elevator tower to the specified lengths.

Project Manager Tim Moran:

This QAI discussed with the project manager issues concerning the Welded Wire Mesh Assembly for the elevator doors. The QAI informed the project manager that the above mentioned assembly lacked documentation specifying material used during construction of the wire mesh assembly, and that the Mill Cert would be the first step in towards resolving this issue. The QAI also informed the project manager that even with the Mill Certs certain issue would still be unresolved, such as matching/verifying the materials used with the Mill Cert due to lack of identifying marks on the assembly. The project manager informed the QAI that no oversight was in place to verify materials and construction of the assembly during construction at the shop of Flynn & Enslow Inc. in

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California. An incident report was submitted by the QAI this day on the Welded Wire Mesh Assembly for the unverified material used.

The completed and accepted work observed at this location appeared to be in compliance with the contract specifications.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

Conversations this day as required for scope of work.

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

Inspected By:	Belford,Fritz	Quality Assurance Inspector
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Reviewed By:	Foerder,Mike	QA Reviewer
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