

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 #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026328**Date Inspected:** 23-Sep-2011**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:** Job Site

CWI Name:	John Pagliero and Steve Mc Conn			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		

Summary of Items Observed:

Caltrans Office of Structural Material (OSM) Quality Assurance Inspector (QAI) Joselito Lizardo was present at the Self Anchored Suspension (SAS) job site as requested to perform observations on the welding of components for the San Francisco Oakland Bay Bridge (SFOBB) Project.

At Tower Base North side diaphragm, ABF personnel were noted removing the welded temporary attachments that were welded and used as attachments to the access ladders. The personnel were noted removing the welded temporary attachments by grinding the fillet welds. After grinding off the welds of the temporary attachments, the welder smoothly ground the removal using a flapper disc. At the end of the shift, the personnel were still continuing to remove the temporary attachments.

At Tower Base South side diaphragm, ABF personnel were noted removing the welded temporary attachments that were welded and used as attachments to the access ladders. The personnel were noted removing the welded temporary attachments by grinding the fillet welds. After grinding off the welds of the temporary attachments, the welder smoothly ground the removal using a flapper disc. At the end of the shift, the personnel have completed removing all the attachments and also their smooth grinding.

At Tower Base ESW location 'B' 60-70 transition butt joint E-044, ABF welders Jeremy Dolman and Richard Garcia were noted installing the heater blankets at Ultrasonic Testing (UT) detected defect repair location Y=8975mm to Y=9135mm. The welders were preparing the heater blankets in preparation for the repair welding on Monday.

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The welders were noted not welding today. They were just moving equipment and tools in preparation for Monday. They were told by the Superintendent to concentrate on the removal of the welded temporary attachments at the north and south shear plates so they could dismantle the two scaffoldings.

Summary of Conversations:

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 Nina Choy 510-385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Lizardo, Joselito	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
