

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 #: 04-0120R4Cty: SF Rte: 80 PM: 12.6,13.2File #: 81.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Coolidge Arizona**Report No:** NCR-000021**Prime Contractor:** C.C. Myers**Date:** 18-Apr-2009**Submitting Contractor:** Stinger Welding**NCR #:** -0015**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Brackets A665, B666 & C666
Procedural	Procedural	Descriptor:	Heat Straightening

Reference Description: Concrete deck bracket heat straightening**Description of Non-Conformance:**

Stinger Welding personnel were observed performing heat straightening of deck concrete brackets. Two brackets marked C666 and B666 were being straightened when Stinger personnel saw QA and immediately stopped their operation. One bracket marked A665 was already straightened lying on the floor in the immediate area.

1. Not submitted / approved Request for Information (RFI) for acceptable tolerance due to welding / warping.
2. Not submitted / approved Heat Straightening Request (HSR).
3. No Quality Control (QC) present during heat straightening and no record being maintained

Applicable reference:

AWS D1.5 and Project Special Provisions 04-0120R4

Who discovered the problem: QA Scott Croff**Name of individual from Contractor notified:** Nancy Henderson, Stinger Project Manager**Time and method of notification:** April 18, 2009, 1500Hrs., Verbal**Name of Caltrans Engineer notified:** Karen Wang**Time and method of notification:** April 20, 2009, 0830hrs., by telephone**QC Inspector's Name:** Rolando Caldera**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

Unknown

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 Jinesh Mehta, 1-951-840-0541, who represents the Office of Structural Materials for your project.

Inspected By: Lizardo, Joselito

Inspector

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Reviewed By: Levell,Bill

QA Inspector

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 #: 04-0120R4Cty: SF Rte: 80 PM: 12.6,13.2File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Coolidge Arizona**Report No:** NCS-000013**Prime Contractor:** C.C. Myers**Date:** 14-May-2009**Submitting Contractor:** Stinger Welding**NCR #:** -0015**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component:
Procedural	Procedural	Descriptor:	

Date the Non-Conformance Report was written: 18-Apr-2009**Description of Non-Conformance:**

Stinger Welding personnel were observed performing heat straightening of deck concrete brackets. Two brackets marked C666 and B666 were being straightened when Stinger personnel saw QA and immediately stopped their operation. One bracket marked A665 was already straightened lying on the floor in the immediate area.

1. Not submitted / approved Request for Information (RFI) for acceptable tolerance due to welding / warping.
2. Not submitted / approved Heat Straightening Request (HSR).
3. No Quality Control (QC) present during heat straightening and no record being maintained

Contractor's proposal to correct the problem:

The contractor requested specifications for the tolerances of warpage for the brackets. The contractor also submitted a procedure for heat straightening the brackets.

Corrective action taken:

Request for Information (RFI) 106 was submitted and approved, specifying the flatness tolerances. The heat straightening procedure was approved and the contractor proceeded to straighten the brackets with QC Inspectors monitoring the process.

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:** William Casey**Date:** 23-Apr-2009**Is Engineer's approval attached?** Yes No Reference 215-RFI-353.00106-00.**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 Jinesh Mehta, (707) 552-7715 (284), who represents the Office of Structural Materials for your project.

Inspected By: Croff, Scott

Quality Assurance Inspector

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

(Continued Page 2 of 2)

Reviewed By: Levell,Bill

QA Reviewer