

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 #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 76.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Painesville, OH**Report No:** NCR-001133**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 30-Jul-2013**Submitting Contractor:** Dyson Corp. & Subs**NCR #:** DYSN-0008**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Temporary Rods for E2 Shear Keys and Bearings
Procedural	Procedural	Description: Anchor Rod shipment without inspection and release	

Reference Description: CCO 337 Temporary Anchor Rods for E2 Shear Keys and Bearings shipped to jobsite without QA inspection and release

Description of Non-Conformance:

METS did not receive an Inspection Request (TL-38) for the 2.5" diameter ASTM A354 Grade BC anchor rods at Dyson. As a result, the anchor rods are shipped to the jobsite without QA testing results and METS' release.

Applicable reference:

Caltrans 1999 Standard Specifications, Section 6-1.01 "Source of Supply and Quality of Materials," "The Contractor shall furnish the Engineer a list of the Contractor's sources of materials and the locations at which those materials will be available for inspection. The list shall be submitted on a State-furnished form and shall be furnished to the Engineer in sufficient time to permit inspecting and testing of materials to be furnished from the listed sources in advance of their use."

Who discovered the problem: Bahjat Dagher**Name of individual from Contractor notified:** Ankur Singh**Time and method of notification:** Verbal, 1405**Name of Caltrans Engineer notified:** Bob Brignano**Time and method of notification:** Verbal, 1400**QC Inspector's Name:****Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

Since these rods are used as a temporary item that will be replaced with 3" A354 BD rods, the anchor rods will be field released at the jobsite once METS receives passing QA testing results.

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.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Inspected By: Dagher,Bahjat

SMR

Reviewed By: Dagher,Bahjat

SMR

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Painesville, OH**Report No:** NCS-000988**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 14-Aug-2013**Submitting Contractor:** Dyson Corp. & Subs**NCR #:** DYSN-0008**Type of problem:**

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

Date the Non-Conformance Report was written: 30-Jul-2013**Description of Non-Conformance:**

METS did not receive an Inspection Request (TL-38) for the 2.5" diameter ASTM A354 Grade BC anchor rods at Dyson. As a result, the anchor rods are shipped to the jobsite without QA testing results and METS' release.

Contractor's proposal to correct the problem:

Since these rods are used as a temporary item that will be replaced with 3" A354 BD rods, the anchor rods were field released at the jobsite after METS received passing QA testing results.

Corrective action taken:

The rods passed QA testing, but the nuts failed hardness. See attached report. Construction has accepted the nuts as fit-for-purpose.

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:** Bob Brignano**Date:** 14-Aug-2013**Is Engineer's approval attached?** Yes No See attached email.**Comments:**

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Inspected By: Mock, Erin

Quality Assurance Inspector

Reviewed By: Dagher, Bahjat

QA Reviewer