

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-001137**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 14-Aug-2013**Submitting Contractor:** Dyson Corp. & Subs**NCR #:** DYSN-0009**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Temporary Anchor Rod Assemblies for E2
Procedural	Procedural	Description: Non-conforming material	

Reference Description: CCO 337 Spherical Nuts for Temporary Anchor Rod Assemblies had low hardness**Description of Non-Conformance:**

The ASTM A563 nuts fabricated at Dyson for the 2.5" ASTM A354 BC Temporary Rod at E2 Shear Keys and Bearings failed hardness during QA testing at Translab. See attached report.

Applicable reference:

ASTM A563

Who discovered the problem: Translab**Name of individual from Contractor notified:** Brian Peterson**Time and method of notification:** Verbal, 1030**Name of Caltrans Engineer notified:** Bob Brignano**Time and method of notification:** Verbal, 1000**QC Inspector's Name:****Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

Construction and Design accept the nuts as fit-for-purpose.

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: Mock, Erin

METS Engineer

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-000989**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 14-Aug-2013**Submitting Contractor:** Dyson Corp. & Subs**NCR #:** DYSN-0009**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: 14-Aug-2013**Description of Non-Conformance:**

The ASTM A563 nuts fabricated at Dyson for the 2.5" ASTM A354 BC Temporary Rod at E2 Shear Keys and Bearings failed hardness during QA testing at Translab. See attached report.

Contractor's proposal to correct the problem:

Construction and Design accept the nuts as fit-for-purpose.

Corrective action taken:

Full size tensile test indicated that the nuts are capable of withstanding loads higher than the rod maximum load. Per email correspondence, 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**Comments:**

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Inspected By: Mock, Erin

Quality Assurance Inspector

Reviewed By: Dagher, Bahjat

QA Reviewer