

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 #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: 79.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Birmingham, Al.**Report No:** NCR-000026**Prime Contractor:** MCM Construction, Inc.**Date:** 25-Jan-2008**Submitting Contractor:** Hardie-Tynes**NCR #:** NCR-000026**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Pile Shear rings
Procedural	Procedural	Description: welder qualification	

Reference Description:**Description of Non-Conformance:**

Sub Arc welding has been performed using welders not qualified to weld on this joint as outlined in Caltrans special provisions due to the non standard joint geometry being used by Hardie-Tynes. Hardie-Tynes has been working on getting their welders qualified as required. This is a re-issue of a document that was originally initiated on 1/3/08 that was not processed through the system.

Applicable reference:

Caltrans special provisions section 8.3 "welding quality control"

Who discovered the problem: Caltrans QA representative Howard Stephens

Name of individual from Contractor notified: QC manager Charles Whittington

Time and method of notification: 1400 verbally

Name of Caltrans Engineer notified: Mohammad Fatemi

Time and method of notification: Verbal 1-25-08

QC Inspector's Name: Louis Knight

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

Requalify all concerned welder operators

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 Mohammad Fatemi, who represents the Office of Structural Materials for your project.

Inspected By: Stephens, Howard

Reviewed By: Wright, Mark

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 #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Birmingham, Al.**Report No:** NCS-000015**Prime Contractor:** MCM Construction, Inc.**Date:** 25-Jan-2008**Submitting Contractor:** Hardie-Tynes**NCR #:** NCR-000026**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: 25-Jan-2008**Description of Non-Conformance:**

Sub Arc welding has been performed using welders not qualified to weld on this joint as outlined in Caltrans special provisions due to the non standard joint geometry being used by Hardie-Tynes. Hardie-Tynes has been working on getting their welders qualified as required. This is a re-issue of a document that was originally initiated on 1/3/08 that was not processed through the system.

Contractor's proposal to correct the problem:

Requalify all concerned welder operators

Corrective action taken:

All welders have taken a qualification test and all the results have been found to be acceptable as outlined in AWS D1.1 by an independent 3rd party testing agency.

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:** Date:**Is Engineer's approval attached?** Yes No**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 Mohammad Fatemi, (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By: Stephens, Howard

Quality Assurance Inspector

Reviewed By: Wright, Mark

QA Reviewer