

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 #: 78.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Steward Machine Co., Birmingham, AL**Report No:** NCR-000004**Prime Contractor:** MCM Construction, Inc.**Date:** 02-Nov-2007**Submitting Contractor:** Steward Machine Co.**NCR #:** NCR-000004**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Shear Rings
Procedural	Procedural	Description: Welding with un-certified welders	

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

Third Party CWI certification used by inspector Michael Brannon witnessing welder qualifications is not valid. The CWI certificate number that was input to the AWS web site is an invalid number. This CWI certificate has been expired since 12/01/2006. The inspector has actually been a CAWI since 12/1/2006. This affects 5 welder certifications in this shop working on this project.

Applicable reference:

AWS D1.1-2000 and CALTRANS Special provisions Section 8-3.01 for Contract No. 04-0120L4

Who discovered the problem: James Weaver, QA Inspector**Name of individual from Contractor notified:** Steve Hall, QC Inspector for Steward Machine**Time and method of notification:** 0830 11/02/2007 Verbally**Name of Caltrans Engineer notified:** Mehran Ardakanian**Time and method of notification:** Friday by Email**QC Inspector's Name:** Michael Brannon, CAWI**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

None at this time.

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 Markian Petrina, 707-552-7715, who represents the Office of Structural Materials for your project.

Inspected By: Weaver, James**Reviewed By:** Petrina, Markian

SMR

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Contract #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Steward Machine Co., Birmingham, AL**Prime Contractor:** MCM Construction, Inc.**Submitting Contractor:** Steward Machine Co.**Report No:** NCS-000001**Date:** 14-Dec-2007**NCR #:** NCR-000004**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: 02-Nov-2007**Description of Non-Conformance:**

Third Party CWI certification used by inspector Michael Brannon witnessing welder qualifications is not valid. The CWI certificate number that was input to the AWS web site is an invalid number. This CWI certificate has been expired since 12/01/2006. The inspector has actually been a CAWI since 12/1/2006. This affects 5 welder certifications in this shop working on this project.

Contractor's proposal to correct the problem:

None at this time.

Corrective action taken:

METS has reviewed MCM-TRN-54 and recommends acceptance of Steward Machine Company's (SMC) justification that SMC's welding personnel are satisfactorily qualified and their verbal statement that they will meet contract requirements for CWI inspection of future welder qualifications. METS considers the subject NCR resolved. Ref. email from Markian Patrino to Richard Chang on Wednesday, November 14, 2007 6:04 PM.

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:**

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Inspected By: Weaver, James

Quality Assurance Inspector

Reviewed By: Wright, Mark

QA Reviewer