

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch690 Walnut Ave., St. 150
Vallejo, CA 94592-1133
(707) 649-5453
FAX: (707) 649-5493Contract # : 04-0120E4
Cty SF Rte 80 PM 13.4, 13.8
File # 20.25 B**QUALITY ASSURANCE - NONCONFORMANCE REPORT****Location:** Trans Bay Steel, Napa, CA.**Date:** 02-24-2006**Prime Contractor:** Kiewit, FCI, Manson, (KFM) Joint Venture**NCR #** 057**Submitting Contractor:** Trans Bay Steel**Type of problem:**

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>
Welding:	<input checked="" type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>		

Description of Non-Conformance: In process welding of pile segment interior of long seam complete joint penetration weld p-14 by unapproved welder Brian Peterson. Welding was submerged arc welding (SAW) per approved welding procedure specification WPS-P-317-B-U3c-S 45-65mm in the 1G (flat) position.

Applicable reference: AWS D1.1, 2002, paragraph 1.4.2, Contractor's Responsibilities. The Contractor shall be responsible for WPSs, qualification of welding personnel, the Contractor's inspection, and performing work in conformance with the requirements of this code.

The Special Provisions, Section 8-3.01 paragraph H, Copies of all certifications for welders for each welding process and position that will be used. Certifications shall list the filler metals used, test position, base metal and thickness, tests performed, and the witnessing authority. The submitted documentation shall be approved by the Engineer prior to any project welding being performed by a welder or welding operator.

In addition, D1.1, paragraph 6.4.1 states the Inspector shall allow welding to be performed only by welders, welding operators, and tack welders who are qualified in accordance with the requirements of section 4.

Who discovered the problem: Joe Lanz**Name of individual from Contractor notified:** Bill Kroplin**Time and method of notification:** Verbally on this date in the afternoon.**Name of Caltrans Engineer notified:** Mark Vilcheck, Structure Representative**Time and method of notification:** 03/03/06 at 1600 hours via email**QC Inspector's Name:** Scott Martell**Was the QC Inspector aware of problem:** Yes**Contractor's proposal to correct the problem:** None at this time.

Comments: This report is for the purpose of determining general 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 Ryan Smith, (858) 232-6799,, who represents the Office of Structural Materials for your project.

Inspected By: Joe Lanz

Quality Assurance Inspector

Reviewed By: Robert Mertz

Lead QA Inspector

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Inspected By: Joe Lanz

Quality Assurance Inspector

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QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Reviewed By: Robert Merz

Lead QA Inspector

Hardcopy Routing Instructions:

1. Resident Engineer

2. Inspecting Branch Contract File

3. Responsible Branch Contract File (with supporting documentation)

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Contract # : 04-0120E4
Cty SF Rte 80 PM 13.4/13.8
File # 20.25A

QUALITY ASSURANCE - NONCONFORMANCE RESOLUTION

Location: Trans Bay Steel, Napa, CA.

Date: 10-20-2006

Prime Contractor: Kiewit, FCI, Manson, (KFM) Joint Venture

NCR# 57

Submitting Contractor: Trans Bay Steel (TBS)

Type of problem:

Welding [X] Concrete [] Other []
Welding: [] Curing: [] Procedural: []
Joint fit-up: [] Coating: [] Other: []
Procedural: [X] Procedural: []

Bridge No . : 34-0006

Component: P-14

Date nonconformance report was written: 02-24-2006

Description of Non-Conformance: In process welding of pile segment interior of long seam complete joint penetration weld p-14 by unapproved welder Brian Peterson. Welding was submerged arc welding (SAW) per approved welding procedure specification WPS-P-317-B-U3c-S 45-65mm in the 1G (flat) position.

Contractor's proposal to correct the problem: Welder was qualified before welding; however, the documentation had not been submitted when he began welding.

Corrective action taken: Welder qualifications were reviewed and approved in SUB-358. TBS response to NCR 57 (SL-989) contained in SUB 641 rev No 0 was approved by the department and the NCR was resolved by SL-1596 dated 7-26-2006.

Did corrective action require Engineer's approval? [X]Yes [X]No

If so, name of the Engineer providing approval: Mark Vilcheck

Date: 7-26-2006

Is Engineer's approval attached: []Yes [X]No

Comments: This report is for the purpose of determining general 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 Venkatesh Iyer, (858) 967-6363, who represents the Office of Structural Materials for your project.

Inspected By: Bert Madison [Signature] Quality Assurance Inspector

Reviewed By: James Cochran [Signature] QA Reviewer

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.
Oakland, CA 94607
(510) 286-0538, (510) 286-0550 fax



Kiewit-FCI-Manson, JV
220 Burma Rd.
Oakland, CA 94607

July 26, 2006

Attn: Mr. Christopher Villa
Deputy Project Director

Contract No. 04-0120E4
04-SF-80-13.4, 13.8
SAS T1 & E2 Foundations
SFOBB-ESSSP

Letter No. 05.003.01-001596

Subject: Response to Submittal No. 641, Revision No. 00 (TBS Response to NCR Issued by State Letter 989)

Dear Christopher,

The Department has reviewed Kiewit-FCI-Manson Submittal No. 641, Revision No. 00, dated June 13, 2006. This Submittal responded to the Department's Letter No. 989 dated April 4, 2006, which notified KFM of a Non-conformance Report (NCR) at Trans Bay Steel, Inc., (TBS) in Napa, California, on February 24, 2006, for unapproved welder, Mr. Brian Peterson. The Department hereby approves Submittal No. 641, Revision No. 00, pursuant to Section 8-3.01, "Welding," of the Special Provisions. The NCR for TBS issued on February 24, 2006, is considered to be resolved.

If you have any questions or need additional information, please contact Mark Vilcheck at (510) 286-0526.

Sincerely,

Mark Vilcheck
Structure Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
R. Smith

file: 05.003.01, 09.006.03, 55.641