

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING 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
FAX: (707) 649-5493

Contract #: 04-0120E4
Cty SF Rte 80 PM 13.4, 13.8
File # 45 .25 B

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Kiewit Offshore Services (KOS)**Date:** 06-24-2006**Prime Contractor:** Kiewit/FCI/Manson (KFM) – Joint Venture**NCR #** 101**Submitting Contractor:** KOS**Type of problem:** No Certified Welding Inspector (CWI) present on the footing at the time of welding.**Welding** **Concrete** **Other** **Welding:** **Curing:** **Procedural:** **Bridge No.** 34-0006L/R**Joint fit-up:** **Coating:** **Other:** **Component:** T-1 Footing**Procedural:** **Procedural:**

Description of Non-Conformance: The KOS Quality Control Manager has allowed a Certified Associate Welding Inspector (CAWI) to perform inspection without the presence of a Certified Welding Inspector (CWI) for an entire shift of work. This discrepancy occurred during the second shift, at approximately 1530 through 2330.

Applicable reference: AWS D1.5-2002, Section 6.1.3.3 and Caltrans Special Provisions, Section 8-3.01**Who discovered the problem:** Caltrans Quality Assurance (QA) Inspector, Mike Hasler**Name of individual from Contractor notified:** QC Inspector (CAWI), Mr. Art Hernandez on June 24, 2006, and QC Inspector (CWI) Mr. George Barnhill on June 26, 2006.**Time and method of notification:** Verbal with QC Inspector (CAWI), Mr. Art Hernandez on June 24, 2006, at approximately 2100 hours and verbal with QC Inspector (CWI) Mr. George Barnhill at 0900 hours on June 26, 2006.**Name of Caltrans Engineer notified:** Mark Vilcheck, Structures Representative**Time and method of notification:** June 26, 2006, 0931 via telephone conversation**QC Inspector's Name:** Mr. Arturo Hernandez**Was the QC Inspector aware of problem:** No

Contractor's proposal to correct the problem: KOS has informed the Quality Assurance Inspector's that the inspections performed by the CAWI will be reinspected by a CWI. Additionally, the Contractor has expressed that this error will not occur again.

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: Mike Hasler

Quality Assurance Inspector

Reviewed By: Robert Cuellar

Lead QA Reviewer

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City SF Rte 80 PM 13.4, 13.8
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QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Kiewit Offshore Services (KOS)

Date: 06-24-2006

Prime Contractor: Kiewit/FCI/Manson (KFM) – Joint Venture

NCR # 101

Submitting Contractor: KOS

Type of problem: No Certified Welding Inspector (CWI) present on the footing at the time of welding.

Welding **Concrete** **Other**

Welding: **Curing:** **Procedural:** **Bridge No.** 34-0006L/R

Joint fit-up: **Coating:** **Other:** **Component:** T-1 Footing

Procedural: **Procedural:**

Description of Non-Conformance: The KOS Quality Control Manager has allowed a Certified Associate Welding Inspector (CAWI) to perform inspection without the presence of a Certified Welding Inspector (CWI) for an entire shift of work. This discrepancy occurred during the second shift, at approximately 1530 through 2330.

Applicable reference: AWS D1.5-2002, Section 6.1.3.3 and Caltrans Special Provisions, Section 8-3.01

Who discovered the problem: Caltrans Quality Assurance (QA) Inspector, Mike Hasler

Name of individual from Contractor notified: QC Inspector (CAWI), Mr. Art Hernandez on June 24, 2006, and QC Inspector (CWI) Mr. George Barnhill on June 26, 2006.

Time and method of notification: Verbal with QC Inspector (CAWI), Mr. Art Hernandez on June 24, 2006, at approximately 2100 hours and verbal with QC Inspector (CWI) Mr. George Barnhill at 0900 hours on June 26, 2006.

Name of Caltrans Engineer notified: Mark Vilcheck, Structures Representative

Time and method of notification: June 26, 2006, 0931 via telephone conversation

QC Inspector's Name: Mr. Arturo Hernandez

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: KOS has informed the Quality Assurance Inspector's that the inspections performed by the CAWI will be reinspected by a CWI. Additionally, the Contractor has expressed that this error will not occur again.

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: Mike Hasler

Quality Assurance Inspector

Reviewed By: Robert Cuellar

Lead QA Reviewer

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Contract # : 04-0120E4
Cty SF Rte 80 PM 13.8
File # 45.25A

QUALITY ASSURANCE - NONCONFORMANCE RESOLUTION

Location: Ingleside, Texas

Date: July 20, 2006

Prime Contractor: Kiewit/FCI/Manson (KFM) – Joint Venture

NCR#101

Submitting Contractor: Kiewit Offshore Services (KOS)

Type of problem:

Welding	<input type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>
Welding:	<input 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"/>		

Bridge No. 34-0006L/R **Component** T1 Foundation Footing

Date nonconformance report was written: June 24, 2006

Description of Non-Conformance: KOS Quality Control Manager has allowed a Certified Associate Welding Inspector (CAWI) to work independently without a Certified Welding Inspector (CWI) present as required by the Special Provisions.

Contractor's proposal to correct the problem: KOS had a Certified Welding Inspector (CWI) visually inspect and sign off all welds that were completed by a Certified Associate Welding Inspector (CAWI).

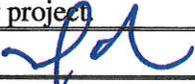
Corrective action taken: None

Did corrective action require Engineer's approval? Yes No

If so, name of the Engineer providing approval: Mark Vilcheck, per Caltrans state letter **Date:** 7-20-06
05.003.01-001472

Is Engineer's approval attached: Yes 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 Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By: Mary Madere  Quality Assurance Inspector

Reviewed By: Robert Cuellar & Keith Hoffman  QA Reviewer and Branch Senior

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

Attn: Mr. Chris Webb
Welding Quality Control Manager

July 20, 2006

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

Letter No. 05.003.01-001472

Subject: NCR - Kiewit Offshore Services, 06/24/06 (Inspection by CAWI)

Dear Chris,

The Department issued a Non-conformance Report (NCR) at Kiewit Offshore Services (KOS) in Ingleside, Texas, on June 24, 2006. The NCR was generated when QA observed that KOS QC Manager allowed a certified associate welding inspector (CAWI) to perform welding inspection without the presence of a certified welding inspector (CWI). This occurred during the second work shift from approximately 3:30pm to 11:30pm. QA verbally notified Mr. Art Hernandez, KOS QC Inspector (CAWI), and Mr. George Barnhill, KOS QC Inspector (CWI), of this non-conformance on June 24, 2006 and June 26, 2006 respectively.

The Department understands that KOS used the CAWI in error and that a CWI has reinspected the welds that were inspected by the CAWI. KOS has also indicated that they will ensure a CWI is on-site at all times and this will not occur again. This NCR is considered resolved.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Vilcheck", written over a white background.

Mark Vilcheck
Structure Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
R. Smith

file: 05.003.01, 09.006.03