

STATE OF CALIFORNIA - BUSINESS, TRANSPORTATION AND HOUSING AGENCY

Gray Davis, Governor

DEPARTMENT OF TRANSPORTATION

ENGINEERING SERVICE CENTER
DIVISION OF MATERIALS ENGINEERING AND TESTING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection
Bay Area Blanch
4240 Hollis St., Suite 300
Emeryville, CA 94608
(610) 450-7765
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Contract #: 04-012024
Cty SF-Ala Rte 80 PM 13.9/14.3, 0.0/1.6

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Ingleside, Texas

Date: 08-21-2002

Prime Contractor; Joint Venture- KFM

Submitting Contractor: Kiewit Offshore Services

Type of problem:

Form with checkboxes for Welding, Concrete, Other, Welding, Curing, Procedural, Joint fit-up, Coating, Other, and Procedural.

Description of Non-Conformance: Kiewit Offshore Services has been observed performing a critical weld repair procedure to the longitudinal complete joint penetration groove weld of pile outer sleeve numbered SL102 # 292. It was observed that air arc gouging was performed to a depth of approximately 57mm in an effort to remove a weld discontinuity detected by ultrasonic testing, The thickness of this pile outer sleeve was measured at approximately 57mm. The length of this weld repair was measured at approximately 203mm. Weld repairs exceeding 65% of the depth of the weld size require Engineer approval.

Applicable reference: KOS Material and Weld Repair Procedure item 5.2.2

Who discovered the problem: Caltrans QA Inspectors Robert Mertz and Robert Cuellar

Name of individual from Contractor notified: QCM George Barnhill of KOS/Walzel Inspection Services,

Time and method of notification: The contractor's QCM representative identified above was verbally informed on this date at 13:00.

Name of Caltrans Engineer notified: Mark Woods

Time and method of notification: Via e-mail on 8-21-02

QC Inspector's Names: George Barnhill and Thomas Morehead.

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: Submit repair procedure to the Caltrans Engineer for approval.

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) 957-6363, who represents the Office of Structural Materials for your project.

Inspected By: Robert Cuellar

RECEIVED Quality Assurance Inspector

Reviewed By: Robert Mertz

001284 AUG 22 2002 Quality Assurance Lead Inspector

TL-15, Nonconformance Report (04/02/02)

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9.11.1 1. Resident Engineer

46.06.02 2. Branch Senior

Routing Instructions:

3. SMR

4. Contract File