



QA: QA

Thomas W. Doering, Manager  
Engineered Systems  
Bechtel SAIC Company, LLC (BSC)  
1180 Town Center Drive  
Las Vegas, NV 89144

ISSUANCE OF DEFICIENCY REPORT (DR) BSC(V)-02-D-152 RESULTING FROM THE  
BECHTEL SAIC COMPANY, LLC (BSC) QUALITY ASSURANCE (QA) SURVEILLANCE  
BSCQA-02-S-31 OF LABORATORY TESTING, INC.

Enclosed is the subject DR generated as a result of BSC Surveillance BSCQA-02-S-31 for  
conditions adverse to quality identified at Laboratory Testing, Inc. The unacceptable QA  
element is Inspection.

The responsible individual for this DR should acknowledge receipt by e-mail response to Richard  
L. Maudlin.

Please provide the original copy of the response within 20 working days from the date of this  
correspondence to Richard L. Maudlin, Bechtel SAIC Company, LLC, 1180 Town Center Drive,  
Las Vegas, Nevada 89144, with a copy to Deborah G. Opielowski, Navarro Quality Services,  
P.O. Box 364629, YMSCO Mail Stop 455, North Las Vegas, NV 89036.

If you have any questions, please contact either Richard L. Maudlin at (702) 295-2961 or  
Daniel A. Klimas (702) 295-2665.

A handwritten signature in black ink, appearing to read 'D. T. Krisha'.

Donald T. Krisha, Manager  
Quality Assurance

7/15/02  
Date Signed

RLM:bw-0712023316

Enclosure:  
DR BSC(V)-02-D-152

NMSS07  
WM-11

July 15, 2002

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cc w/encl:

L. W. Bradshaw, Nye County, Pahrump, NV  
Margaret Chu, DOE/HQ (RW-1) FORS  
J. R. Dyer, DOE/YMSCO, Las Vegas, NV  
W. J. Glasser, NQS, Las Vegas, NV  
Birdie Hamilton-Ray, DOE/YMSCO, Las Vegas, NV  
C. E. Hampton, DOE/YMSCO, Las Vegas, NV  
R. W. Henderson, BSC, Las Vegas, NV  
D. G. Horton, DOE/YMSCO, Las Vegas, NV  
D. A. Klimas, BSC, Las Vegas, NV  
D. T. Krisha, BSC, Las Vegas, NV  
Robert Latta, NRC, Las Vegas, NV  
S. W. Lynch, State of Nevada, Carson City, NV  
S. P. Mellington, DOE/YMSCO, Las Vegas, NV  
Ram Murthy, DOE/OQA, Las Vegas, NV  
D. G. Opielowski, NQS, Las Vegas, NV  
R. E. Powe, BSC, Las Vegas, NV  
J. M. Replogle, DOE/YMSCO, Las Vegas, NV  
N. K. Stablein, NRC, Rockville, MD  
D. D. vonderLinden, BSC, Las Vegas, NV  
Engelbrecht von Tiesenhausen, Clark County, Las Vegas, NV  
T. J. Wall, BSC, Las Vegas, NV  
B. L. Wilson, BSC, Las Vegas, NV

cc w/encl:

R. W. Andrews, BSC, Las Vegas, NV  
T. W. Doering, BSC, Las Vegas, NV  
J. C. Estill, BSC/LLNL, Livermore, CA  
R. D. Heist, LTI, Hatfield, PA  
M. H. Kohler, BSC/LLNL, Livermore, CA  
S. T. Mahler, BSC/LLNL, Livermore, CA  
R. L. Maudlin, BSC, Las Vegas, NV  
T. B. Reynolds, BSC/ISS, Las Vegas, NV  
Roxanna VanDillen, BSC, Las Vegas, NV  
C. C. Warren, BSC, Livermore, CA

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OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.

8. ☒ DEFICIENCY REPORT  
☐ CORRECTIVE ACTION  
REPORT  
NO. BSC(V)-02-D-152  
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DEFICIENCY REPORT/CORRECTIVE ACTION REPORT

1. Controlling Document: (Document ID and Revision or Date)  
Bechtel SAIC Company, LLC (BSC) Purchase Order (PO) 24540-160-PO-01195, List of  
Items dated February 14, 2002.

2. Related Report No.:

BSCQA-02-S-023

3. Responsible Organization:

BSC/Laboratory Testing, Inc. (LTI)

4. Discussed With:

A. Horoff (LTI), T. Doering (BSC)

5. Requirement:

BSC PO 24540-160-PO-01195, List of Items, Section I titled General Work Description states in part: "... LTI shall also provide dimensional inspection of test specimens fabricated to the requirements detailed in the schedule to the list of items and/or engineering drawings...." LLNL Specimen Drawing AAA02-102751-0A specifies that the surface finish (Ra) will be no greater than 2 Ra on the face of the specimen. Also, the drawing specifies in Note 5: Break Sharp Edges .005 - .015.

(Continued on Page 2)

6. Description of Condition:

Contrary to the above, (1) LTI final inspection documentation reflected a finish of 1 - 5 Ra as acceptable. Upon inspection of one finished and packaged specimen, ID JE0028, with a profilometer, the finish on the face was found to be 5 Ra which exceeded the maximum finish allowed by the Specimen Drawing and (2) Final Inspection documentation provided during the surveillance did not include such information as: data indicating all tolerances had been met (i.e., broken edges .005 - .015), the list of Measuring and Test Equipment (M&TE) used to produce the measurements identified in the inspection report, the signature/date of the person who performed the inspection, and the purchase order number.

Has work been stopped? ☐ Yes ☒ No

7. Initiator:

Richard L. Maudlin

Printed Name

Signature

07/12/02  
Date

9. Does a stop work condition exist?

☐ Yes ☐ No ☒ N/A

If Yes, Check One:

☐ A

☐ B

☐ C

☐ D

10. Recommended Actions:

Take immediate action to bring the specimen finish into conformance with the List of Items, Specimen Drawing AAA02-102751-0A or obtain a modification to the requirements of the BSC PO, List of Items, and Specimen Drawing AAA02-102751-0A.

Take immediate action to finalize all final inspection documentation to include all of the information required by BSC PO, and List of Items.

11. QA Review:

Richard L. Maudlin

Printed Name

Signature

07/12/02  
Date

12. Response Due Date:

20 Working Days after Issuance

13. QAM Issuance Approval:

Printed Name Donald T. Krishna

Signature

Date

7/15/02

14. Corrective Actions Verified/Closure

QAR Printed Name

Signature

Date

15. QAM Closure Approval:

Printed Name

Signature

Date

Submittal Page \_\_\_\_ of \_\_\_\_

**OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.**

☒ DR/CAR/QO

☐ SWO

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**CONDITION ADVERSE TO QUALITY CONTINUATION PAGE**

BLOCK 5 Requirement (Continued):

BSC PO 24540-160-PO-01195, List of Items, Section III titled Dimensional Inspection Documentation Review - Hold Point #6, states in part: ".... The final inspection reports shall include the dimensions of the specimens required to establish that all tolerances have been met as defined in the engineering drawings, the M&TE used to produce those measurements, the signature/date of the person performing the measurement, purchase order number, and the specimen identification."