

U.S. DEPARTMENT OF ENERGY
OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
OFFICE OF QUALITY ASSURANCE

SUPPLIER AUDIT REPORT

OF

G. B. TECH

NASA STENNIS SPACE CENTER, MISSISSIPPI

REPORT NUMBER OQA-SA-96-023
AUGUST 13-14, 1996

Prepared by:



Date:

08/21/96

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Approved by:



Date:

8/26/96

Donald G. Horton
Director
Office of Quality Assurance

1.0 EXECUTIVE SUMMARY

The results of the Supplier Audit of G. B. Tech revealed that implementation in the areas evaluated were satisfactory. Two conditions adverse to quality were found and corrected prior to the close of the audit. The corrected conditions are detailed in Section 5.0 of this report. Personnel performing the calibrations demonstrated a good knowledge and understanding of the calibration process. The facility capability and environment were determined to be adequate for the calibration services being provided. G. B. Tech personnel were very supportive during the audit, and retrieval of records was timely.

The results of the audit do not warrant any recommendation for limitation or other conditions that should be invoked relative to the items or services being provided; however, responsibility for final determination of acceptability rests with the U.S. Geological Survey (USGS).

2.0 SCOPE

The supplier audit was conducted to evaluate the adequacy, implementation, and effectiveness of G. B. Tech's quality program. This was accomplished by determining if the G. B. Tech's program satisfies the Quality Assurance requirements specified in the USGS Management Agreement dated February 22, 1995, implementation of the G. B. Tech's Quality Program Plan, LSO-094003-5010, Revision 0, as accepted by the USGS, and the Office of Civilian Radioactive Waste Management (OCRWM) Quality Assurance and Requirements Description (QARD) for the scope of work. The QA program elements determined to be applicable are: Organization; QA Program; Procurement Document Control; Implementing Documents; Document Control; Control of Purchased Items and Services; Measuring and Test Equipment; Nonconformances; Corrective Action; QA Records, and Audits.

3.0 AUDIT TEAM AND OBSERVERS

Richard L. Maudlin, Audit Team Leader, Office of Quality Assurance, Yucca Mountain Quality Assurance Division

4.0 PERSONNEL CONTACTED DURING FACILITY AUDIT

T. Weiss, Project Manager, G. B. Tech
M. Lindstrom, Manager, LMSO/SR&QA
R. Outley, Quality Engineer, LMSO/SR&QA
G. Britt, Quality Analyst, LMSO/SR&QA
J. Sneed, Lead, G. B. Tech

D. Wilson, Task Lead, G. B. Tech
D. Young, Task Lead, G. B. Tech
T. Sappington, Metrology Engineer, G. B. Tech
B. Hummel, Lead Technician, G. B. Tech
W. Rodman, QA Specialist, USGS

5.0 SUMMARY OF AUDIT RESULTS

G. B. Tech's Quality Program Plan, LSO-094003-5010, Revision 0, addresses the applicable elements of the USGS Management Agreement dated February 22, 1995, and the applicable elements of the OCRWM QARD for the intended scope of work. Implementation of the G. B. Tech's Quality Program Plan was considered effective in producing the desired results. Two conditions adverse to quality were identified and corrected during the audit. The first condition related to a Calibration Maintenance Report (CMR) which referenced the incorrect revision date for the procedure used to do the calibration. The second condition related to inadequate documentation of completed corrective actions for noncompliances found during an internal survey of the calibration laboratory. Prior to the completion of the audit, the CMR referencing the procedure date was corrected to reflect the proper date and the Program Review Results report was corrected to reference all corrective actions taken.

6.0 DEFICIENCIES/RECOMMENDATIONS

There were no unsatisfactory conditions identified which require action by the USGS or G. B. Tech. Recommendations, as applicable, have been provided for USGS/G. B. Tech's management consideration and action as deemed appropriate.

RECOMMENDATIONS

In a review of the Structured Surveillance and Quality Procedures synopsis, there was no clear reference to training on the Quality Program Plan. It is recommended that the next time the synopsis is revised, that a line item be added to clearly indicate indoctrination and training to the Quality Program Plan.