

United States Government

Department of Energy

# Memorandum

QA: QA

DATE: **AUG 07 2002**

REPLY TO

ATTN OF: RW-3 (James Blaylock, 4-1420)

SUBJECT: U.S. DEPARTMENT OF ENERGY OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT (OCRWM) OFFICE OF QUALITY ASSURANCE (OQA) SUPPLIER SURVEY OQA-SFE-02-05 OF VLSI STANDARDS, INC.


TO: YMSCO/OPE (C. E. Hampton)

Enclosed is the Supplier Survey Report OQA-SFE-02-05 conducted by a team of auditors representing OCRWM OQA at the VLSI Standards facility in San Jose, California, July 23-24, 2002, to evaluate VLSI Standards' ability to implement the specific quality and technical requirements, required for the calibration of Surface Topography Standards.

The results of the audit concluded that VLSI Standards is effectively implementing their Quality Assurance Program and is meeting the required quality and technical requirements for the proposed scope of work.

The survey team recommends VLSI Standards be placed on the OCRWM Qualified Suppliers List and be maintained on an annual audit schedule as required for use.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Patrick V. Auer at (702) 794-1353.



Ram B. Murthy, Acting Director  
Office of Quality Assurance

OQA:JB-1576

Enclosure:  
Supplier Survey OQA-SFE-02-05

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AUG 07 2002

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QA: QA

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

**SUPPLIER SURVEY REPORT**

**OF**

**VLSI STANDARDS, INC.**

**SAN JOSE, CALIFORNIA**

**REPORT NUMBER OQA-SFE-02-05**

**JULY 23-24, 2002**

Prepared by: Patrick V. Auer  
Patrick V. Auer  
Survey Team Leader  
Navarro Quality Services

Date: 7/26/2002

Approved by: Ram B. Murthy  
Ram B. Murthy  
Acting Director  
Office of Quality Assurance

Date: 8/7/02

**ENCLOSURE**

## **1.0 EXECUTIVE SUMMARY**

Supplier Survey OQA-SFE-02-05 of VLSI Standards, Inc. was conducted July 23-24, 2002, in San Jose, California. The survey determined the effective implementation of VLSI Standard's *Quality System Manual*, Revision 13, and implementing procedures to provide calibration services for Surface Topography Standards.

The results of the survey revealed that VLSI Standards is satisfactorily implementing their Quality Assurance (QA) Program and is meeting the applicable quality and technical requirements required by the DOE/RW-0333P, Revision 11, *Quality Assurance Description and Requirements* (QARD) for procurement of Calibration Services. No conditions adverse to quality were identified. As a result of this survey, it is recommended that VLSI Standards be added to the Office of Civilian Radioactive Waste Management Qualified Suppliers List and be maintained on an annual audit schedule as required for use.

## **2.0 SCOPE**

The supplier survey was conducted to evaluate VLSI Standards' ability to implement the specific quality and technical requirements, as required by their QA Program to provide Surface Topography Standards. The QARD Sections determined to be applicable were: Organization; Quality Assurance Program; Implementing Documents; Document Control; Control of Measuring and Test Equipment; Corrective Action; Quality Assurance Records; Audits; and Software.

## **3.0 SURVEY TEAM AND OBSERVERS**

Patrick V. Auer	Survey Team Leader/Navarro Quality Services (NQS), Las Vegas, NV
Marilyn A. Kavchak	Survey Team Member, NQS, Las Vegas, NV

## **4.0 PERSONNEL CONTACTED DURING FACILITY SURVEY**

Tony Nguyen, Quality Manager, VLSI Standards, Inc.  
Dimitra Ocharov, Calibration Engineer, VLSI Standards, Inc.  
Paul Konicek, Senior Engineer, VLSI Standards, Inc.

## **5.0 SUMMARY OF SURVEY RESULTS**

Implementation of the VLSI Standards QA Program and compliance with the technical and quality requirements required for calibration of Surface Topography Standards was determined to be effectively implemented to meet the intended scope of work. No conditions adverse to quality were identified during this survey.

The details of the survey, including the supporting objective evidence, are documented on the survey checklist that is retained in the supplier evaluation files.

## **6.0 DEFICIENCIES**

There were no deficiencies issued as a result of this supplier survey.