Comprehensive
Health Services
INCORPORATED

May 10, 2005 T200504-2631

Mr. Bruce Kinnaird, TA-D2-A
NASA
Kennedy Space Center, FL

BULK ASBESTOS SAMPLE AND ANALYSIS,
K6-0848/VAB AIR FILTER ROOM AT EXTERIOR SOUTHWEST CORNER OF VAB

REPORT SUMMARY:

Asbestos containing materials (ACM) ***WERE*** *identified to be present in the subject gaskets and roofing materials. Worker training and methods of compliance in accordance with 29 CFR 1926.1101* ***are*** *required when handling removing or otherwise disturbing the asbestos containing materials.*

This office conducted a survey on April 21, 2005 to evaluate suspect gaskets on the exterior roof ducts and roofing materials. The purpose of the survey was to determine if these materials were asbestos containing prior to demolition.

Bulk samples of the subject materials were collected for analysis by the CHS Environmental Health Laboratory, which is accredited under the National Voluntary Laboratory Accreditation Program NVLAP #101759-0. The bulk samples were analyzed by Polarized Light Microscopy (PLM) Results relate only to the items submitted for testing.

Asbestos Containing Material (ACM) was present in the subject gaskets and roofing materials. The handling, disturbance, demolition, and/or disposal of these materials are subject to the requirements of the 40 CFR 61 Subpart M/Asbestos NESHAP or 29 CFR 1926.1101/OSHA Asbestos Construction standards.

If additional suspect materials are encountered during maintenance or renovation activities, personnel should be instructed not to disturb the material and to contact this office immediately for additional evaluation and assessments. This should not be interpreted as a comprehensive asbestos survey of this facility; only the materials as listed below were sampled and analyzed.

If you need additional information or have any questions concerning this survey please contact Richard Price, Meredith Caukin or me at 867-2400.

J. R. Taffer, C.I.H.
Industrial Hygiene, (CHS-022)

RAP:MRC:tlc

Cc: Michael.A.Cardinale@nasa.gov

JBOSC ENVIRONMENTAL HEALTH AND SERVICES

BULK ASBESTOS SAMPLE ANALYSIS

ADMINISTRATIVE DATA

Facility #: **k6-0848**	Facility Name: **VAB**		IH Task: **T200504-2631**
Requestor: **Bruce Kinnaird**	Mail Code: **TA-D2-A**	POC: **John McMillian**	Phone: _____
Project **VAB Roof Renovations**	Site/Location: **Exhaust Filter Bldg**		

ANALYSIS RESULTS

Sample #	Sample HMID & Material Description (as listed in AMIS)	Asbestos	Friable	Condition
CHS1811	MG07 - Miscellaneous Material (Gasket), WHITE FIBROUS CORD	Yes	Yes	Good
CHS1813	RC02 - Roofing (Core), BLACK ROOF TAR, FELT & SILVER PAINT, asbestos located in paint & felt	Yes	No	Good
CHS1812	RF01 - Roofing (Flashing), BLACK ROOF MATERIAL & SILVER PAINT, asbestos located in tar, paint and felt	Yes	No	Good

COMPLIANCE REQUIREMENTS

☒ Asbestos containing materials (ACM) were identified (as shown above) and must be treated in accordance with 40 CFR 61 Subpart M/Asbestos NESHAP and 29 CFR 1926.1101/OSHA Asbestos Construction standards during any demolition, renovation or construction activities.

☒ Material does not contain > 1% asbestos and does not require handling in accordance with 40 CFR 61 Subpart M/Asbestos NESHAP and 29 CFR 1926.1101/OSHA Asbestos Construction standards.

PROJECT COMMENTS

☒ All samples were analyzed by the CHS Environmental Health Laboratory, which is accredited under the National Voluntary Laboratory Accreditation Program NVLAP #101759-0 for Polarized Light Microscopy (PLM). Results relate only to the items tested. All samples were homogenous and analyzed IAW EPA/600/R-93/116 unless otherwise noted. If additional suspect asbestos containing materials are identified, personnel should not disturb the materials and this office should be contacted immediately for an evaluation.

MATERIAL PHOTO'S

MG07-

Gaskets on roof ducts were identified as asbestos containing.

RC02 & RF01-

Roofing materials were identified as asbestos containing. The core (RC02) and flashing (RF01) samples identified asbestos in a roofing felt.