

DIXON INFORMATION INC.

MICROSCOPY, ASBESTOS ANALYSIS & CONSULTING

A.I.H.A. ACCREDITED LABORATORY #10847

NVLAP CODE 101012

December 15, 1995

ASARCO Technical Services Center
3422 South 700 West
Salt Lake City, Utah 84119

Ref: Batch #33296, Lab #A21115-A21121
Received December 11, 1995
B094-1681
Project: 3211
Account: 7819 El Paso

Samples A21115 through A21121 have been analyzed by visual estimation based on EPA-600/M4-82-020 December 1982 optical microscopy test method including phase contrast, polarized light, dispersion staining, and stereo microscopy. Accuracy increases with increasing asbestos concentration.

If these samples are related to a demolition or are subject to NESHAPS 40CFR part 61 regulations, these regulations mandate that any sample containing less than 1% asbestos must be analyzed by point count. If asbestos is reported to be between 1% and 10%, see EPA "Clarification of asbestos NESHAP requirements to perform point counting" (copy available).

This report relates only to the items tested. This report must not be used to claim product endorsement by the NVLAP, the National Institute of Standards and Technology, or any agency of the U.S. Government. The results of analysis are as follows:

Lab A21115, Field L952744-1 Bulk Asbestos

This is 2% chrysotile asbestos and 15% amosite asbestos in gray and white plaster.

Lab A21116, Field L952744-2 Bulk Asbestos

This sample contains three types of material: The first type is green paint; the second type is 20% chrysotile asbestos in black binder; the third type is 10% chrysotile asbestos and 60% rockwool in light gray binder. This sample is non-homogeneous. The overall asbestos concentration is 11%.

The first type is 1% of the sample. The second type is 9% of the sample. The third type is 90% of the sample.

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Lab A21117, Field L952744-3 Bulk Asbestos
This is 8% glasswool in light gray binder. Asbestos is none detected.

Lab A21118, Field L952744-4 Bulk Asbestos
This sample contains five types of material: The first type is gray paint; the second type is cross woven fiberglass bundles; the third type is 5% plant fiber in off-white plaster with a trace of green paint; the fourth type is 5% plant fiber and 2% synthetic fiber in white plaster with a trace of green paint; the fifth type is black tar binder with 5% wollastonite. This sample is non-homogeneous. Asbestos is none detected.

The first type is 2% of the sample. The second type is 8% of the sample. The third type is 40% of the sample. The fourth type is 45% of the sample. The fifth type is 5% of the sample.

Lab A21119, Field L952744-5 Bulk Asbestos
This is 50% chrysotile asbestos in hard, white binder with rust.

Lab A21120, Field L952744-6 Bulk Asbestos
This is woven fiberglass with a light coating of gray particulate. Asbestos is none detected.

Lab A21121, Field L952744-7 Bulk Asbestos
This is 20% chrysotile asbestos in gray cement. This sample is non-homogeneous.

Very truly yours,

Analyst

Analyst

5, 1995