

**ANCO INSULATIONS, INC.**

Contractors and Distributors

ATTN: Bill Ledford

June 1, 1983

COPY

Mr. Carroll Gabel
Dow Chemical Corporation
Job No: 1035

RE: Asbestos Removal Project
May 11th, 12th, & 13th, 1983

Dear Carroll:

Attached are several copies of our Job Safety File which was compiled for the Light Hydrocarbon No. II Project. Please distribute copies of this to appropriate Dow individuals who may have need of the information. Attachments include:

1. Anco's Asbestos Removal & Respirator Procedures.
2. Documentation of Safety Meetings Held.
3. Copy of Safety Survey completed during stripping operations.
4. Copies of Asbestos-Medical Examination Forms.
5. Information Letter to Employees.
6. Sampling Data Collection Sheet.
7. Asbestos Fiber Count Analyses by Independent Laboratory.

Carroll, all of these are self-explanatory; however, we felt that an explanation of the Asbestos Fiber Count Analyses would be appropriate. Federal Regulation 1910.1001 specifies that the eight-hour time-weighted average airborne concentrations of asbestos fibers to which any employee may be exposed shall not exceed two fibers longer than five micrometers per cubic centimeter of air. Because there were only four employees involved in this job and further because the job was contained to a relatively small area, we only took one sample which data was collected on May 12, 1983. The results of this sampling indicates fibers as described above of 0.10 per cubic centimeter of air. While the maximum limit is 2.0 percent we were operating at a level of 1/10 of 1 percent which is certainly within the maximum permissible exposure.

Because our employees were working directly with the insulation, they would have received a greater dosage, had they not been protected with approved respirators. Obviously this indicates dust concentrations in the perimeter areas of even less than that monitored. It is understandable that the employees personal comfort was sacrificed for his overall safety. The cooperation of the employees, as well as Dow, particularly in the choice of location where the stripping was to be performed should be commended. Overall if we were to single out one specific thing which we could say was done to achieve these low results, it would have to be the fact that

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the insulation was thoroughly wet before being removed. This single requirement is more important than any other because it prevents the fibers from floating in the atmosphere and thus being inhaled. Dow's cooperation and assistance allowed us to perform the job safely in accordance with Anco's and OSHA's safety requirements. Thank you.

Very truly yours,

HERBERT J. KNOBLAUCH, JR.
Risk Manager

HJK/dkm

Attachments

cc: Ronnie L. Nolan
T. L. Virgets
File (1)

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