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MAY 1965

U.S. DEPARTMENT OF LABOR

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RECORDS AUTHENTICATION CERTIFICATE



I HEREBY ATTEST, That the annexed copy, or each of the specified number of copies, of each document listed below is a true copy of a document in the official custody of the Department of Labor.

1 copy each of:

Transcripts from March 14, 15, 16, and 17

Comments and hearing exhibits of:

W.J. Nicholson, American Petroleum Institute, D.A. Holaday, Brand Insulation Inc., L.J. Bibri, B.J. Phillips (Certain-teed), M.W. Borow, J.D. Moran (Flint-kote), F.L. Pundsack (J-M), J.W. Rawlings, W.M. Hancock (Dow), W.K. Hesse (J-M), E.M. Fenner (J-M), E.J. Killian (Nat. Cypsum), Cement Asbestos Products Co., M.M. Key, G.E. Best (MCA)

SIGNATURE AND OFFICIAL TITLE	DIVISION AND BUREAU	DATE
<i>Daniel J. Marsick</i> Daniel J. Marsick Technical Information Specialist	Docket Office/Technical Data Center/Occup. Sfty & Hlth Adm/ U.S. Dept. of Labor	7 Sep 78

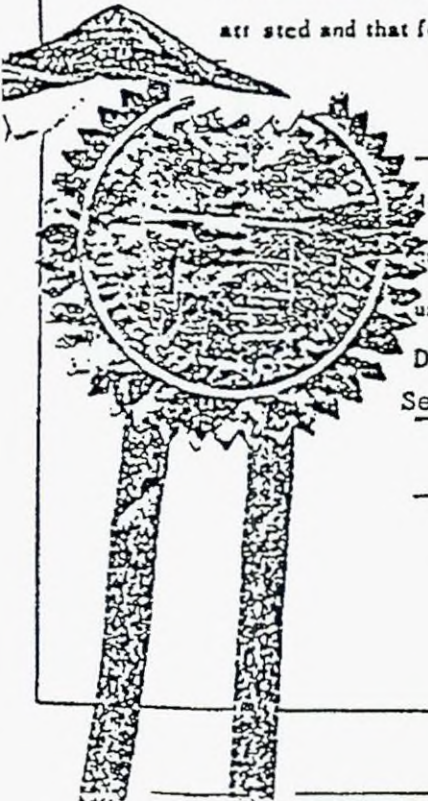
I HEREBY CERTIFY, That Daniel J. Marsick who signed the foregoing attestation, is now and was at the time of signing (title) Technical Information Specialist and has legal custody of the official records of the United States Department of Labor and therein attested and that full faith and credit should be given to his act as such.

IN WITNESS WHEREOF, I

J. J. Lafranchise

duly designated by the Secretary of Labor as Authentication Officer of the Department of Labor, have hereto subscribed my name and caused the seal of the Department of Labor to be affixed this 7th day of September 19 78.

J. J. Lafranchise
Authentication Officer
Department of Labor



UNITED STATES DEPARTMENT OF LABOR

WASHINGTON, D.C.

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: In the Matter of: :
: :
STANDARD FOR EXPOSURE TO ASBESTOS DUST, : PUBLIC HEARING
PROPOSED RULE MAKING :
: :
----- -X

Conference Room B
Interdepartmental Auditorium
12th & Constitution Ave.,
Washington, D.C.
Thursday, March 16, 1972

The above-entitled matter came on for further hearing pursuant to recess, at 9:00 o'clock, a.m., Thursday, March 16, 1972.

BEFORE:

ARTHUR M. GOLDBERG, Hearing Examiner

APPEARANCES:

(As heretofore noted.)

AFTERNOON SESSION

(2:00 p.m.)

EXAMINER GOLDBERG: On the record.

Mr. Fay and Mr. Swetonic -- excuse me, is
Doctor Tetrick in the room?

All right, Mr. Fay and Mr. Swetonic.

MR. FAY: My name is Albert H. Fay. I am Vice
President of the Gold Bond Building Products Division of the
National Gypsum Company in Buffalo, New York. I am appearing
here today in my capacity as president of the Asbestos
Information Association of North America, located in New York
City. The Asbestos Information Association is comprised of
twelve of the nation's largest miners, manufacturers and
importers of asbestos and asbestos-containing products. The
member companies of the association are listed on a fact
sheet, which I will submit with my testimony.

As an introduction to industry testimony that will
follow, I would like to briefly sketch for you a general
picture of the size and scope of the asbestos industry in the
United States, the types of products produced, the number of
people employed, and other factors that will help position the
asbestos manufacturing industry in the economic and social
structure of this country:

I should mention before proceeding that the

manufacturing side of the industry, and does not include detailed information on industry using finished asbestos products, such as the construction industry or the insulating application and removal trades.

Asbestos is the generic name given to a group of inorganic hydrated silicate minerals that have one common attribute, namely, the ability to be separated into relative soft, silky fibers. The three most commonly used varieties of asbestos are chrysotile, crocidolite, or blue fiber and amosite.

It is important to note that chrysotile accounts for more than 98% of the total annual United States consumption of asbestos. In the past, crocidolite and amosite were used far more extensively in the United States than they are today. The leading producers of chrysotile fiber are Canada and the Soviet Union, with smaller deposits being found in South Africa, Rhodesia, China, the United States and Italy.

Crocidolite and amosite are mined almost exclusively in South Africa.

The total annual world production of asbestos is around 4 million tons, with Canadian production accounting for about 30% of the total, and the United States about 3%.

The properties of asbestos that give it commercial value are its fibrous structure, the great tensile strength of the fibers and its resistance to high temperatures and to

1 judge the total economic value of the asbestos industry to
2 the nation. We firmly believe, however, that the Arthur D.
3 Little Company economic study now under way, will show it to
4 be substantial. For example, it has been estimated that the
5 insulation trades alone involve 40,000 men who spend at least
6 a quarter of their time working with asbestos-containing
7 products. Other employees whose livelihood depends at least
8 to some extent on the use of asbestos-containing products
9 include other types of construction workers; siding, roofing
10 and tile installers, pipe layers, salesmen, distributors and
11 dealers in asbestos products. It is impossible to calculate
12 the total income derived by these workers from the use or
13 sale of asbestos-containing products, but it is certainly in
14 the hundreds of millions of dollars.

15 If one adds in the value of services, machinery,
16 raw materials and other commodities purchased by the asbestos
17 manufacturing industry each year for use in the production or
18 shipment of finished asbestos products, the total economic
19 contribution of the industry to the nation's economy would
20 reach, perhaps, \$3 billion, and would involve, to some degree
21 the livelihood of at least half a million wage earners and
22 their families. We believe the economic and social contribu-
23 tion of the asbestos industry to the nation is substantial.

24 In addition to the many and varied lifesaving

technological society. For these reasons, the establishment of reasonable and feasible occupational health standards for asbestos is a matter of great importance, not only to the men whose health we are trying to protect, but also to the industry and to the country as a whole.

Our industry is cooperating fully with the Arthur D. Little Company in the economic study they have been retained to make by OSHA. We are all working hard to develop precise figures as to the potential economic effect of the proposed regulations on our industry. To date, we have been able to make only rough estimates. In general, they show a cost to the industry of approximately \$200 million in new equipment to comply with the proposed standard of two fibers per cubic centimeter in those sections of the industry where we believe a two-fiber standard is technologically feasible. The proposed regulations would also produce a loss in sales of at least \$400 million because of the labeling requirements and the shut down of operations where two fibers is technologically unfeasible. A number of companies have already indicated that they do not believe a two-fiber standard is feasible in many operations, and that if such a standard is promulgated, they will close down those operations immediately rather than spend billions of dollars in a vain attempt to achieve the unachievable. The loss of jobs will be substantial.

1 Yesterday, there was a statement made here that if
2 one plant can meet the standards, then all can. This is no
3 true. There are vast differences in the various manufactur
4 industries and the dissimilarity makes it impossible for one
5 to duplicate the other.

6 One other point. Yesterday, it was stated that
7 smoking substantially increases the risk of disease. Since
8 we are all concerned about the health of those associated
9 with this business, we would like to recommend that the
10 proposed standard should prohibit smoking during working hou
11 on the job and that the warning signs required to be poste
12 should prominently display "no smoking." Precedents for thi
13 exist in regulations at the Department of Interior, for
14 example, in uranium mines.

15 In closing, it is our hope that OSHA will take all
16 of these considerations into mind in developing the standard.
17 If this is not done, it could well spell the demise of at
18 least half of the asbestos industry in the United States and
19 in time, perhaps, all of it.

20 Thank you, Mr. Goldberg.

21 I want to submit two exhibits. This exhibit is a
22 list of the members of the Asbestos Association of North
23 America.

24 EXAMINER GOLDBERG: The list of members of the