



Vermont for Asbestos

Gray-roofed barn in a quiet valley—a cooling stream and rich brown earth . . . down from Vermont comes fresh food for a nation's tables.

Vermont also makes an outstanding contribution to modern industry by providing asbestos fibers from the largest operating asbestos mine in the United States.

VERMONT ASBESTOS MINES
Division of
The RUBEROID CO.

Hyde Park, Vt. • Mines at Eden & Lowell
Sales Office: 500 Fifth Ave., New York, 18

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chiefly to the better grade and finer yarns, which were observed only in small volume. It is probable that prior to and during the war the ring spinning was used to a greater extent than at present. All spinning is done from single ends of silver in the individual cheese. Spinning from multiple ends on jack spools was not observed.

There seemed to be in nearly every plant an excessive amount of spinning equipment, both ring spinners and fly frames, in relation to the number of carding machines. This is indicative of low production per machine in spinning operations.

(d) *Weaving Operations.* Weaving equipment in the German asbestos industry is particularly antiquated. Top rate of production on cloth 1 meter wide (39") is about 60 picks per minute. A common type of cloth seen throughout the industry had about 6 to 7 picks per inch and 13 to 15 warp ends per inch, usually made of 3 to 5 cut yarn. This type of fabric is commonly used for gasket cloth, gloves, and clothing, high pressure packing, insulation lagging and other purposes. All brake lining tape looms observed were single space looms.

(e) *Dust Control Equipment.* All plants had either cyclone collector or cloth stocking-type collectors. No cloth screen-section collectors were observed and no wet systems. The equipment that was examined seemed to be well designed and reasonably effective but in no way unusual. (Oil or processing agents for control of dust are not used.)

Scarcity of Asbestos Fibers

It became obvious from the very beginning of this investigation that the scarcity of asbestos fibre in Germany has been and is extremely acute, and that such stocks of asbestos that were available during the war consisted chiefly of old lots of material of widely assorted grades and varieties captured or seized in all parts of German occupied Europe during the early years of the war.

As a typical example of this situation, the record of all purchases of "asbestos spinning fibre" for the Bornheim plant of Frankfurter Asbestwerke, Frankfurt a. M.

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