

PLAINTIFFS
EXHIBIT
JUL 10 - 1940

USE OF AUSTRALIAN BLUE FIBER (RHYS)

IN TRANSITE PRESSURE PIPE

CONFIDENTIAL

Report No. 23-876
Problem No. 10-R-9.4
May 6, 1940

I. SUMMARY AND CONCLUSIONS:

1. A sample of blue fiber (trade name RHYS) produced in Australia, was secured by Mr. Shoemaker to permit its evaluation as a fiber for use in Transite Pressure Pipe. Previous examination by the Fiber Laboratory* had indicated it to be essentially of the same quality as MS blue, but not quite so brittle.
2. Two blends using this fiber were run, each for a period of 6 to 7 hours. These blends were selected to show the effect of the Australian material in a furnish normally unstable, and in a furnish of standard quality. Each was run in direct comparison with a similar blend using the standard MS blue fiber.
3. No difference in operating ease or quality could be observed between the MS and Australian fiber blends. Examination of the production using an unstable furnish shows that some machine difficulty existed during this period which affected both fiber blends being run. This is not a function of the Australian fiber, however, since the second group, using stable blends, did not repeat the difficulty.
4. The Australian blue fiber will permit manufacture of a pipe of strength equal to that produced with MS blue. There is some evidence that its willow-ing characteristics differ slightly from the MS material, in that it will require somewhat longer processing to secure the optimum opening of the fibers. Under such conditions, it is possible that it will permit manufacture of pipe slightly stronger than our present standard product.
5. It is recommended that further quantities of the Australian blue fiber be obtained to permit more extensive runs with the material, and at the same time that an examination be made with a view to eliminating the slight cost difference that exists (at Manville) between it and the MS blue. It is entirely probable that the cost of the two fibers will definitely favor the Australian material for use at Watson factory. Book values for the fibers at Manville are .0677 cents per pounds for the Australian, and .0631 for the MS Blue.

*see Report 12-36

Cross Reference: Asbestos - Research & Development
" - Specific Usage - Transite Pipe

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INITIALS

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SIGNIFICANT

NOTES

all - B & B

Early letters - Re: Mining
Listing

Manville → Australian Mines