

intra-letter

Date: February 25, 1986

From: J. Holz

To: G. Knight

Subject: Asbestos in
Mining Products

RE: Your memo dated 1-24-86

Your memo requested information on mining products that have or do contain asbestos material. Mr. R. Czubkowski was requested to respond in regard to Mining electrical components (motors, wiring, insulation, etc.). Mr. Czubkowski's response is attached.

Mechanically, the only asbestos product that has been used on mining equipment were asbestos brake linings, which were the industry standard. About 2 years ago, asbestos brake linings were superseded by non-asbestos material. As of October 1985, all asbestos lining material in Mining Equipment had been superseded.

Three different types of brake linings were involved: flexible woven band brake linings (for older, non-production machines), molded shoe linings for drum brakes, and molded linings for propel brakes. The respective material specs are:

	"OLD" ASBESTOS MAT'L -----	"NEW" NON-ASBESTOS -----	EFF. DATE ----
Band brakes	P&H 3001, 3017	P&H 3024	10-85
Drum brakes	P&H 3020	P&H 3022	10-84
Propel brakes	P&H 3021 and HKP D858*	HKP NA104*	10-84

*Lining material spec. by H.K. Porter Co.

Copies of the above P&H Material Specifications are attached.

J.H.

J. Holz
Mining Engineering

JH/gh

Attachments

cc: R. Profio
T. Weber
R. Czubkowski
D. Wood

Harnischfeger
P&H

SCF-P&H-2180

ME0024