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April 25, 1965

R. Sampson
Advocate Mine

Re: 1965 Annual Industrial Hygiene Survey
Advocate Mine

Enclosed please find your Industrial Hygiene Permanent Record Book. Your 1965 annual Industrial Hygiene survey has been completed and the results recorded.

During this survey 117 samples were taken at 70 sample stations. Of the 70 stations sampled, 50 were found to be within the maximum allowable concentrations and 20 above the threshold limits.

The 20 locations above the allowable threshold limits and requiring control include 10 dust and 10 noise stations as follows:

Station No.	Hazard	Survey Result	MAC
2-1	Asbestos dust	7.6 MPPCF	5.0 MPPCF
4-2	"	7.1 "	5.0 "
5-1	"	5.6 "	5.0 "
C-2	"	6.1 "	5.0 "
C-2-1	"	5.7 "	5.0 "
C-2-3	"	8.2 "	5.0 "
C-2-4	"	15.2 "	5.0 "
C-5-1	"	27.9 "	5.0 "
2-1	"	23.2 "	5.0 "
2-2	"	5.5 "	5.0 "
K-1	Noise	106 decibels	90 decibels
K-2	"	96 "	90 "
K-3	"	96 "	90 "
K-4	"	96 "	90 "
K-5	"	113 "	90 "
K-6	"	80-97 "	90 "
K-7	"	91 "	90 "
K-10	"	90 "	90 "
K-12	" (Borderline)	90 "	90 "
K-13	" (Borderline)		

Comp. Comp. Comp.

I recommend that first priority be given to the correction of the 10 asbestos dust stations above allowable limits. Needless to say, that prolonged exposure to atmosphere contaminated with asbestos dust will cause occupational pulmonary diseases. These conditions will result in permanent injury and realted workmen's compensation liability.

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Until dust control can be maintained, [illegible] temporary protection. They are not, however, [illegible]

Second priority for correction should be given to noise stations involving exposure to employees of 95 decibels and over. Subsequently all noise stations of 90 decibels and over should be studied for corrective actions.

Personnel exposed for a normal 8 hour working day or 40 hour working week to constant or extensive intermittent noise hazards of 95 decibels and over should be provided with and wear ear muffs of the type approved for J-M use. Ear plugs, cotton and cotton wax are not adequate protection and should not be used.

If you have any questions concerning this survey, please contact me.

CLS.
C. L. Sheckler

cc: C. W. Mitz
R. Hackney
K. V. Lindell - Asbestos HQ
J. Hutcheson - Asbestos HQ
R. B. Grecham, [redacted]

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