August 17, 1966

L. Kaff - Manville

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1966 ANNUAL INDUSTRIAL HYGIENE SURVEY
[illegible]

Enclosed please find your two Industrial Hygiene permanent record books. Your 1966 annual survey has been completed and the results recorded.

During this survey, 753 samples were taken at 202 sample stations; of the 202 stations sampled, 141 were found to be within the threshold limit values and 61 above the maximum allowable concentrations.

The 61 locations above MAC and requiring control include 12 dust and 39 noise stations as follows:

Station No.	Hazard	Survey Result	MAC
3-	Asbestos	5.0 MPPCF	5.0 MPPCF
9-	"	14.6 "	5.0 "
10-	"	5.5 "	5.0 "
M1-	Noise	93-95 decibels	90 decibels
M2-	"	96-97 "	90 "
M3-	"	91-107 "	90 "
M4-	"	95-96 "	90 "
M5-	"	95-97 "	90 "
M6-	"	93-97 "	90 "
M7-	"	96-9[illegible] "	90 "
M8-	"	90-[illegible] "	90 "
A1-	"	91 [illegible] "	5.0 MPPCF
3-	Ammo Talc (Silica)	55 "	5.0 "
9-	Slate Dust	45.2 "	5.0 "
10-	Slate & Talc	61.9 "	90 decibels
A4-	Noise	91 decibels	90 "
A5-	"	93 "	90 "
A6-	"	99 "	90 "
A7-	"	86-91 "	90 "
A8-	"	93-94 "	90 "
A11-	"	95-97 "	90 "
A12-	"	84-92 "	90 "
A13-	"	83-96 "	90 "
A14-	"	92-94 "	90 "
A15-	"	100 "	90 "
A16-	"	96-97 "	90 "
A17-	"	5.9 MPPCF	5.0 MPPCF
3-	Silica		

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Manville Building Products Plant I. H. Survey

Station No.	Hazard	Survey Result	MAC
15-C	Asbestos - Calcite	5.5 MPPCF	5.0 MPPCF
4[illegible]-C	Noise	90 decibels	90 decibels
4[illegible]-C	"	90 "	90 "
7-H	Asbestos-Silica	5.6 MPPCF	5.0 MPPCF
8[illegible]	" "	5.8 MPPCF	5.0 "
10[illegible]	" "	8.7 "	5.0 "
20[illegible]	" "	5.4 "	5.0 "
[illegible]-H	Noise	92-93 decibels	90 decibels
[illegible]-H	"	92 "	90 "
[illegible]-H	"	92 "	90 "
[illegible]-H	"	92-93 "	90 "
[illegible]-H	"	90-92 "	90 "
[illegible]-H	"	91-94 "	90 "
[illegible]-H	"	90 "	90 "
[illegible]-H	"	90 "	90 "
[illegible]-H	"	92-93 "	90 "
[illegible]-H	"	92 "	90 "
[illegible]-H	"	94 "	90 "
[illegible]-H	"	90-92 "	90 "
[illegible]-H	"	94 "	90 "
[illegible]-H	"	94 "	90 "
[illegible]-H	"	90-92 "	90 "
[illegible]-H	"	94-95 "	90 "
[illegible]-H	"	95-96 "	90 "

*Borderline

I recommend that first priority for correction be given to the 12 dust stations currently out of control. Most of these dust stations have been reported above the maximum allowable concentration for two consecutive years and several have been unstable from 1962 to date. These locations involve pulmonary disease hazards to asbestos, silica, talc and combined toxic materials. There are a number of additional stations in your I. H. Book that were below the MAC during the last survey but have been very unstable from 1962 to date. These locations should be investigated.

Considering the number of employees with some degree of pulmonary involvement and the current liability potential at Manville, it is essential that all toxic dust hazards be brought under control as rapidly as possible. I suggest that a task force team be appointed and begin work on the dust problems as soon as possible.

Second priority for correction should be given to noise stations of 95 decibels or over involving exposure to employees. If noise cannot be controlled, ear muffs should be furnished and worn in accord with our hearing protection program.

Subsequently, noise levels of 90 decibels and over involving exposure to employees should be studied for corrective action.

C. L. Sheckler

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