

TOM FLORES

OPERATIONS

March 2, 1973

~~E. K. Grier~~
A. A. RAMBIKUR
DR. V. H. BARBOUR

~~OPERATIONS~~

Mr. A. A. Rambikur - Bldg. R-141

Mr. S. Clark - Bldg. R-141

Mr. T. B. Bonney - Pittsburgh



RE: ASBESTOS DUST TESTS

Five tests were run during February for asbestos fibers. Results are shown below.

AREA	ACTIVITY	TIME Min.	CONCENTRATIONS Fibers/ml
Room 30	Laying asbestos rope bead on lip of molten metal crucible	2.8	0
Bldg. 54E	Dumping potlining from pot (wet pot)		
	Ground level	17.1	.068
	Craneman's level	15.38	.187
Bldg. 54E	Cutting Shamol N-4 insulation block during cutting operation	44	2.51
	during clean-up	7	1.8

TOM FLORES

Tom Flores
TF:djw

APC 002982

TOM FLORES

~~DR. V. H. BARBOUR - BLDG. I~~
~~MR. C. L. GREEN - BLDG. I~~
~~MR. H. P. ARMINTROUT - BLDG. I~~
~~MR. R. C. McCORMACK - BLDG. I~~
~~MR. C. F. SCOTT - BLDG. I~~
~~DR. V. H. BARBOUR - BLDG. I - FILE~~

→ cc: Mr. A. A. Rambikur - Bldg. R-141

RE: ASBESTOS DUST TEST AT BLDG. 54E

A dust test was taken on December 4, 1972 at Bldg. 54E while John Manville Brand Superex Block insulation was being cut. The employee was weaving the sampler while cutting the Hi-Temp block. Sampling period was 48.5 minutes.

Some of the dust was visible on the filter so two slides were prepared, one as is, and the other one with the surface dust knocked off. The results are shown below.

<u>SAMPLE</u>	<u>TIME</u>	<u>COUNT</u>	<u>CONCENTRATION</u>
As is	48.5 min.	first	3.53 fibers/ml
		second	3.31
Dust knocked off	48.5 min.	first	4.74 fibers/ml
		second	4.66

Fibers are difficult to count when there is a lot of material on the slide.

TOM FLORES

T. Flores
TF:djw

TOM FLORES

OPERATIONS

May 3, 1973

DR. V. H. BARBOUR
MR. C. L. GREEN
MR. H. P. AGNINTROUT
MR. R. C. McCORMACK
MR. C. F. SCOTT
~~DR. V. H. BARBOUR~~

cc: Mr. A. A. Rambikur - Bldg. R-141
~~Mr. R. B. Prohara - Bldg. R-141~~
Mr. T. B. Bonney - Pittsburgh

RE: ASBESTOS AIR SAMPLES

The following tests were run during April for asbestos fibers.

<u>DATE</u>	<u>ACTIVITY</u>	<u>TIME Minutes</u>	<u>WEARING RESPIRATOR</u>	<u>FIBERS/ML</u>
4-13-73	Cutting marinite to fit casting troughs	31.5	Yes	2.77
	2nd count same slide 3 mm above 1st sample			5.22
	3rd count same slide 3 mm below 1st sample			3.72
	Drilling holes in marinite	18	Yes	3.88
	2nd count same slide 2 mm below 1st sample	18	Yes	3.25
	Insulating bottom of pot with Skamol N-4 Hi-temp block	20	No	1.97
	2nd reading of above sample 3 mm above on same slide	20	No	1.3
	Insulating pot with Skamol 2nd employee	16.75	No	1.9
	Dumping pot 54E	14.5	Yes	.047
4-24-73	Tapping one pour behind asbestos cloth shield	11.25	Yes	.097
	Brushing off rim of crucible	1.25	Yes	0
4-30-73	Dumping brick out of No. 6 kiln	18.25	Yes	0.5

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APC 002984

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March 2, 1973

~~C. K. Green~~
A. A. Rambikur
DR. V. H. BARBOUR

OPERATIONS

cc: Mr. A. A. Rambikur - Bldg. R-141
Mr. S. Clark - Bldg. R-141
Mr. T. B. Bonney - Pittsburgh

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Bldg. 54E	Cutting Shamol N-4 insulation block during cutting operation	44	2.51
	during clean-up	7	1.8

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APC 003002

TOM FLORES

DR. V. H. BARBOUR - BLDG. I
MR. C. L. GREEN - BLDG. I
MR. H. P. ARMITROUT - BLDG. I
MR. R. C. McCORMACK - BLDG. I
MR. C. F. SCOTT - BLDG. I
~~DR. V. H. BARBOUR - BLDG. I - FILE~~

→ cc: Mr. A. A. Rambikur - Bldg. R-141

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APC 003003

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OPERATIONS

May 3, 1973

DR. V. H. BARBOUR

MR. C. L. GREEN

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MR. R. C. McCORMACK

MR. C. F. SCOTT

~~DR. V. H. BARBOUR~~

cc: Mr. A. A. Rambikur - Bldg. R-141

~~Mr. R. E. Podhora - Bldg. R-141~~

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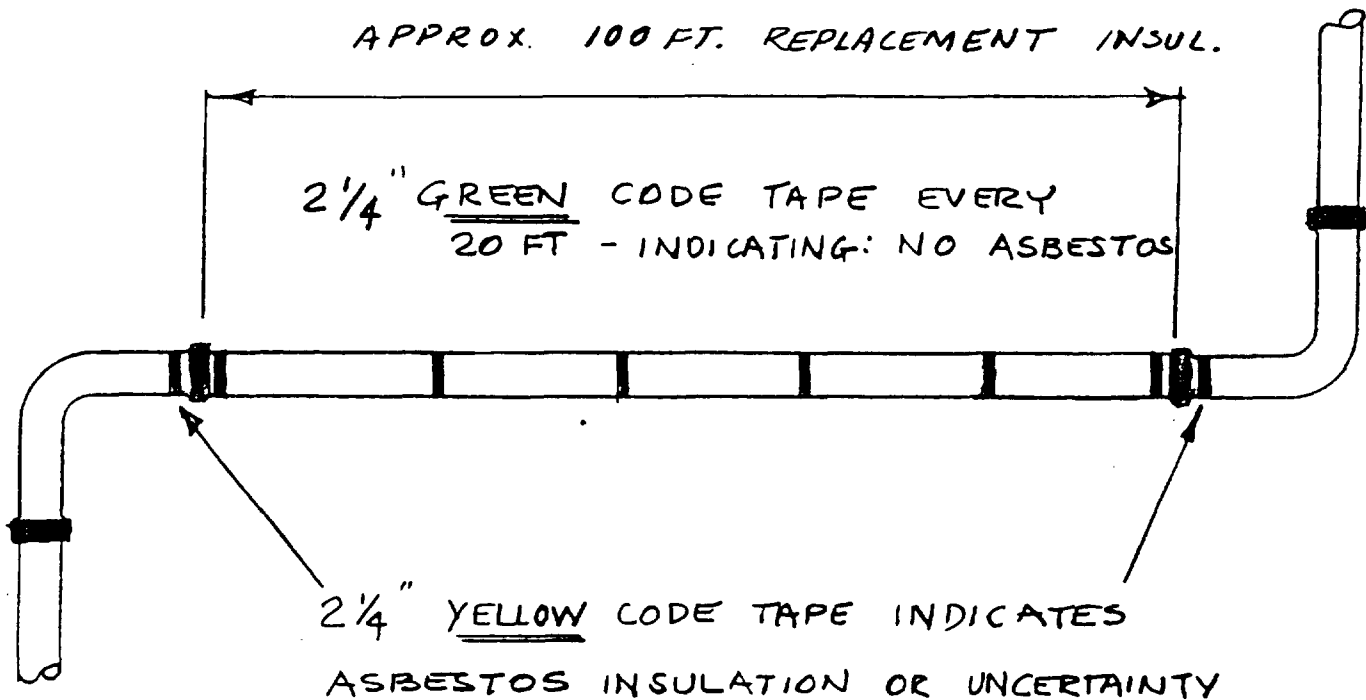
TOM FLORES

TF:djw

APC 003004

EXAMPLE

APPROX. 100 FT. REPLACEMENT INSUL.



CODE SYSTEM FOR IDENTIFYING
ASBESTOS & NON-ASBESTOS INSULATION

APC 003005

DATE 1978 OCT 24

ALUMINUM COMPANY OF AMERICA
ENGINEERING DEPARTMENT

R. E. PODHORA
IND. HYG. DEPT.