



INTERNAL
CORRESPONDENCE



PLAINTIFF'S EXHIBIT

UC-2803

UNION CARBIDE CORPORATION TECHNICAL CENTER
P.O. BOX 8361, SOUTH CHARLESTON, WV 25303

R. C. Proffitt
511-2009
512

Date June 21, 1983

Originating Dept. 511 Industrial Hygiene/
Environmental Protection

Area

M. E. Bell
C. W. Maxwell
M. L. Mills
L. R. Noble
D. R. Paugh
R. E. Peele
A. L. Postlethwait
W. F. Williams

Subject Asbestos Monitoring in
Storeroom, 511 Construction
Department

Dear Mr. Proffitt:

On May 9, 1983, the Technical Center Industrial Hygiene group conducted a monitoring survey for determining the exposure of employees to asbestos dust particles while handling asbestos containing gaskets in the storeroom at the 512 Construction Department. This work was done by M. E. Bell of our group.

Mr. J. H. White was monitored for asbestos exposure when he received one hundred asbestos spiral-wound gaskets in three bundles. During the monitoring period, Mr. White removed these gaskets from the box, counted and placed them in a storage bin in the storeroom. Mr. White wore a dust respirator approved for asbestos while performing the job. In addition to the personal sample, an area sample was also collected. The results of monitoring shown in the attachment indicate that exposure to asbestos fibers above the permissible exposure limit of 2 fiber/cc are unlikely.

It is our observation that while unpacking and placing gaskets in the bin the probability of exposure is minute; however, it is believed that once the gaskets are stored in the bin some dust will become loose due to friction and may build up over a period of time. We recommend that the gasket storage bin be cleaned once every month. The person cleaning the bin should wear a dust respirator. The method of cleaning the bin should be wet. The easiest way would be to rinse the bin with water in the sink.

Please notify Mr. White of his exposure results. If we can

R. C. Proffitt

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06/21/83

be of further assistance, please call us at extension 3750.

Very truly yours,

Manhar A. Patel

Manhar A. Patel

MAP/sc

Attachment



ASBESTOS SAMPLING

May 9, 1983

<u>Name or Location</u>	<u>Sampling Time (Mins)</u>	<u>Concentration Fibers/cc</u>
1. J. H. White	10	0
2. Area Sample	9	< .07

The permissible exposure limit is 2 fibers > 5 μ m/cc of air

Asbestos Sampling Institute Storeroom

5-9-83

J. H. White 233-82-7110

A.L. Postlethwait

#1 Personal sample

o fil.

stop: 0854

start: 0844

10 min x 2 l = 20 l

#2 ^{Source} Area sample

stop: 0857

1 f / 100 fields

start: 0848

9 min x 2 l = 18 l

.01 x 855

624 x 18

= 4.07 fpl / 5 m²

Mr. White received 100 asbestos spiral wound gaskets in 3 bundles. Mr. White was monitored while he removed these gasket from the box, counted and placed gasket in storage bin in the storeroom. Mr. White wore a respirator while performing this job.

J.H. White 233-82-7110
Art L. Pod

asko. special wound
just.

Start 0 844 9l/min
U. 854 10min = 20l

0

Start 0843 Area
0857 9min.
18l

1/f 1/100 feet

$$\frac{.01 \text{ ft.} \times 855}{6.24 \times 18l} = 2.07 \text{ ft} > 5 \text{ cm}^3$$