

OCT 15 1974

DATE October 14, 1974

TO R. P. Medlin - Beaumont

C.C. J. G. Keller - New York
R. J. Potts, M.D. - Dallas
J. L. Wescoat - Beaumont ✓

J. L. WESCOAT

ASBESTOS SAMPLING
PAULSBORO REFINERY

Attached you will find a copy of the "Asbestos Removal Operation" policy from the Paulsboro Refinery with the results of sampling data listed on Table I. Note that the eight-hour time weighted average exposures are representative of short work durations. In these cases, workers were exposed to asbestos fibers for time periods ranging from 17 to 30 minutes.

In review, the present asbestos policy at the Beaumont Refinery is more than adequate in meeting requirements of O.S.H.A. 1910.93 a.

Russel L. Witzke
Russel L. Witzke
Assistant Regional Industrial Hygienist

RLW:rm

Attachment

PLAINTIFF'S EXHIBIT

MBL-294

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Personnel Protective Measures (Revised)
Asbestos Removal Operation
Paulsboro Refinery

September 20, 1974

1. All asbestos-containing insulation materials must be thoroughly wetted with water before removal. Recommended a 5-gallon spray can be used, particularly at high elevations.
2. Employees involved in the removal operation must be equipped with a NIOSH-Approved, single-use, disposable respirator, 3M, Model 3710, gloves, and coveralls.
3. Asbestos-insulation waste, debris and used disposable clothing must immediately be packed in impervious bags and affixed with cautionary tags. The tag shall state:

*

CAUTION

Contains Asbestos Fibers

Avoid Creating Dust

Breathing Asbestos Dust May Cause Serious Bodily Harm

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4. The bagged waste material should be disposed and covered daily in the Refinery landfill. If disposal at the Refinery becomes impractical due to space limitations, a local contractor should be used.
5. Proper cautionary signs must be displayed at each asbestos removal or demolition site. The signs shall state:

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ASBESTOS

DUST HAZARD

Avoid Breathing Dust

Wear Assigned Protective Equipment

Do Not Remain In Area Unless

Your Work Requires It

Breathing Asbestos Dust May Be

Hazardous To Your Health

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TABLE I

Asbestos Personnel Monitoring Program
Paulsboro Refinery

July 16, - August 23, 1974

<u>Sampling Location</u>	<u>Sample Type</u>	<u>Removal Condition</u>	<u>Sampling Time, (Min.)</u>	<u>Asbestos Conc. fibers/cc (>5um in length)</u>	<u>8-Hour Time-Weighted Average Conc. fibers (>5um in length)</u>
le-Tar Separator	Area	Wet	17	None Detected	None Detected
le-Tar Separator	Personnel	Wet	17	None Detected	None Detected
le-Tar Separator	Personnel	Wet	17	None Detected	None Detected
le-Desalter	Area	Wet	20	0.21	0.009
le-Desalter	Personnel	Wet	21	0.54	0.023
-Tar Separator	Personnel	Dry	18.5	2.42	0.093
-Tar Separator	Personnel	Dry	18.5	5.42	0.21
-Tar Separator	Personnel	Wet	28.75	4.45	0.27
-Tar Separator	Personnel	Wet	28.75	9.76	0.58
-Fuel Oil Regulator	Personnel	Wet	23.5	5.13	0.25
-Fuel Oil Regulator	Personnel	Wet	23.5	1.71	0.083
-Fuel Oil Regulator	Personnel	Wet	30.5	2.64	0.17
-Fuel Oil Regulator	Personnel	Wet	30.5	2.10	0.13
Mean Concentration				2.64	0.28

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