

TEXACO U.S.A. HOUSTON			
ENVIRONMENTAL AND HEALTH			
MAR 02 '82			
FEB	✓	CHM	
MAR		CHM	
APR		CHM	
MAY		CHM	
JUN		CHM	
JUL		CHM	
FILL SUBJECT			

SAF-1N-EP4A

Houston, Texas
February 26, 1982

SAF STUDIES, SURVEYS & REPORTS
Texaco USA
Eagle Point Plant
Asbestos

PLAINTIFF'S EXHIBIT

TEX-100

Mr. R. J. Fischbach
Westville, New Jersey

Area sampling to document airborne concentrations of asbestos fibers was conducted at the Eagle Point Plant on October 14, 1981. The sampling was performed by Mr. J. E. Schlicht, Industrial Hygiene Technician, to evaluate ambient concentrations near the gasket storage area at the storehouse. The result, as shown in the attached table, indicates that the asbestos concentration was well below the OSHA standard for occupational exposure to asbestos, which is two (2) fibers per cubic centimeter of air (f/cc), calculated as a time weighted average (TWA) for an eight-hour period.

The gaskets which are supplied by New Jersey Gasket are stored beneath windows on the east wall of the storehouse. The calculated TWA of less than 0.01 f/cc was based on a sampling period of 485 minutes. While the employees spend only a small portion of time in this area, if they had been present during the above sampling period, the employee's exposure would have been similar. The concentration during the balance of the shift was assumed to be the same in the calculation of the TWA. The "less than" indicates that the concentration was below the lower limit of detection of the chosen analytical method.

Prior to receiving the analytical results, some precautionary measures were taken. The storehouse supervisor has requested that the gasket supplier deliver the gaskets individually sealed in plastic bags. The gaskets will then be stored in this manner. Those that are not sealed are being placed in bags by the Insulation Department. An alternate site for storage is also being investigated.

The sample was collected on a membrane fiber using a calibrated air sampling pump. Subsequent analysis was performed by National Loss Control Service Corporation, an accredited industrial hygiene laboratory.

Signed: O. W. RIGDON

O. W. RIGDON

JES/PTC
ma: 2/12

✓ FJB
RTR-JRS

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TABLE I
EAGLE POINT PLANT
ASBESTOS
AREA SAMPLES
10/14/81

SAF - STUDIES, SURVEY AND REPORTS
TEXACO USA
EAGLE POINT PLANT
ASBESTOS

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SAMPLE NUMBER	DATE	LOCATION	WIND SPEED	TEMP (F)	TIME	ANALYSIS RESULT*	ADJUSTED CONCENTRATION*	METHOD**
6193000396	10/14/81	WAREHOUSE	INDOORS	67	458	< 0.0100 F/CC	458 < 0.01 F/CC	8 HR-SAME

* < = LESS THAN THE DETECTABLE LIMIT
+ = ROUNDED TO THE NEAREST HUNDREDTH
B = BREAKTHROUGH
= ADJUSTED CONCENTRATION EXCEEDS THE STANDARD

** SAME = THE ADJUSTED CONCENTRATION WAS COMPUTED BASED ON ASSUMED SAME EXPOSURE DURING THE BALANCE OF THE UNSAMPLED TIME.
ZERO = THE ADJUSTED CONCENTRATION WAS COMPUTED BASED ON NO SIGNIFICANT EXPOSURE DURING THE BALANCE OF THE UNSAMPLED TIME.