

TEXACO U.S.A. HOUSTON			
ENVIRONMENTAL AND HEALTH			
JAN 15 '82			
FJB	✓	CHH	
RCM		CH	
ERK	✗	MM	
CHD		CH	
MLM		DIS	
JFY		STEND	
FILE SUBJECT			

Houston, Texas
January 12, 1982

PLAINTIFF'S EXHIBIT

TEX-70

SAF STUDIES, SURVEYS & REPORTS
Texaco USA
Puget Sound Plant
Asbestos Sampling

Mr. C. R. Ferguson
Anacortes, Washington

Air sampling to evaluate employee exposure to asbestos was conducted at the Puget Sound Plant by Mr. W.⁴A. Rosenberg on November 13, 1981. The sampling was representative of a laborer who was stripping asbestos from old pipes in the recovery yard area. The samples were collected on open face 0.8 micron AA filters using a calibrated Dupont P-2500 air sampling pump. Subsequent analysis was performed by the National Loss Control Service Corporation, an accredited industrial hygiene laboratory.

A total of four (4) ceiling (15-minute) samples were collected during the above job task. The asbestos results were all less than the detectable limit of the chosen analytical method as shown in the attached table. The OSHA ceiling limit standard for a 15-minute exposure is ten (10) fibers per cubic centimeter (f/cc). These results are well below any applicable state standards or guidelines. However, it should be noted that the employee monitored did not follow the standing instructions while performing the work. The insulation was not wetted down prior to work and the individual did not wear respiratory protection.

It is suggested that a small bulk sample of the subject insulation be forwarded to this office in the future to verify that the material is actually asbestos. Please contact Mr. J. D. Watts in our Houston office if you should have any further questions.

Signed: O. W. RIGDON

O. W. RIGDON

JDW:bjm
Attachment

✓FJB
RTR-JRS

WA-TEX 005069

WA-TEX005068

SAF - STUDIES, SURVEY AND REPORTS
TEXACO USA
PUGET SOUND PLANT
ASBESTOS

TABLE I
PUGET SOUND PLANT
ASBESTOS
11/13/81

TABLE 1 OF 1
PAGE 1 OF 1
REPORT DATE - 1-12-82

SAMPLE NUMBER	EMPLOYEE SSN	EMPLOYEE TITLE	LOCATION	DATE	TEMP (F)	TIME	ANALYSIS RESULT*	15 MIN CEILING*	METHOD**
6203000166	0405543680	YARD	MAINTENANCE	11/13/81	55	13	< 0.1300 F/CC	< 0.13 F/CC	15 MIN-SAME
6203000167	0405543680	YARD	MAINTENANCE	11/13/81	55	14	< 0.1200 F/CC	< 0.12 F/CC	15 MIN-SAME
6203000168	0405543680	YARD	MAINTENANCE	11/13/81	55	14	< 0.1200 F/CC	< 0.12 F/CC	15 MIN-SAME
6203000169	0405543680	YARD	MAINTENANCE	11/13/81	55	14	< 0.1200 F/CC	< 0.12 F/CC	15 MIN-SAME

* < = LESS THAN THE DETECTABLE LIMIT
↑ = ROUNDED TO THE NEAREST HUNDREDTH
B = BREAKTHROUGH
= CEILING EXCEEDS THE STANDARD

** SAME = THE CEILING WAS COMPUTED BASED ON ASSUMED SAME EXPOSURE DURING THE BALANCE OF THE SHORT TERM EXPOSURE
ZERO = THE CEILING WAS COMPUTED BASED ON NO SIGNIFICANT EXPOSURE DURING THE BALANCE OF THE SHORT TERM EXPOSURE

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