



HAGER LABORATORIES, INC.

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REPORT ON SERVICE NUMBER 32633IH
April 8, 1988

To: Caroline DeYong
Southwestern Refinery
Corpus Christi, Texas

Analysis: The following samples were submitted for analysis:
Two membrane filter samples and two blanks for asbestos
count.

Method: ASBESTOS (count)
The fiber concentration of each filter sample was
determined following NIOSH Method 7400. Wedges from each
filter were examined at 400 power using phase contrast
microscopy. All fibers longer than five (5) microns with
a length-to-width ratio of 3:1 or more were counted as
asbestos.

Results: The results are found on Tables 1 and 2.

Discussion: The present OSHA permissible exposure limit (PEL) for
asbestos is 0.2 fibers/cc.

LT() indicates "less than" with the lower limit of
quantification shown in parentheses.

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Discussion All samples have been corrected for the blank unless
(cont.) otherwise noted.

Laboratory data are filed and available upon request.

Hager Laboratories Inc. has been AIHA accredited since
1977.

If you have any questions, please call customer service.

Submitted by: Maria Aleynikov
Maria Aleynikov
Supervisor

MA/sn

1B 001347

SWRf/Asbestos 10180

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TABLE 1

ample Number	Counted (fibers)	Counted (fields)	Total (fibers)	Air Volume (liters)	Air Concentration (fibers/cc)
88-29	7.	107.	LT(4380.)	893.	LT(0.005)
88-33	6.	100.	LT(4380.)	133.	LT(0.03)
Blank	2.	100.	LT(4380.)	-	-
Blank	1.	103.	LT(4380.)	-	-

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TABLE 2

Sample Number	Main (mg)	Back-up (mg)	Air Volume (liters)	Air Concentration
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