AIR CONTAMINANTS

Sample Taken By : J.L. Castille + C.W. Couch

Sample Number : A-27

Date : 7/5/72

Location : Pt. Neches Plant

Contaminant : asbestos

Source of Contaminant : Carey TMS-1 Chrysotile

Instrument Used : Mountaire Sampler MSA + filter

Time Start : —

Time End : —

Duration of Test : —

Air Flow Rate : —

Air Volumn Sampled : —

P.R. No. of Employes :

Job Title of Employes :

No. Men in Area : 4

Control Measures Used : Duxfax 66

Length of Exposure :

Area Conditions : Build up of loose asbestos on floor

Atmospheric Conditions: light rain, overcast

Temperature : 80+ Wind Velocity:

Comments : Blank Sample. No air pull thru filter. James Castille walked in working area with filter cap removed. One operator was dumping asbestos and tide into the kettle.

PLAINTIFF'S EXHIBIT

TEX-160

Test Results : Not analyzed

WA-TEX 003790

TEX 11336

AIR CONTAMINANTS

Sample Taken By : Charles Crouch and J. L. Castille
Sample Number : A-28
Date : 7/5/72
Location : Port Neches Plant
Contaminant : Asbestos
Source of Contaminant : Carey 7MS-1 Chrysotile
Instrument Used : Monitair Sampler MSA + filter
Time Start : 9:01
Time End : 9:08
Duration of Test : 7 MIN
Air Flow Rate : 6 CFH
Air Volumn Sampled :
P.R. No. of Employes : 779
Job Title of Employes : Laborer
No. Men in Area : four
Control Measures Used : Respirator, Dustfoe 66

Length of Exposure :
Area Conditions : Build up of loose asbestos on floor
Atmospheric Conditions : light rain, overcast
Temperature : 85 Wind Velocity: N 5mph
Comments : Filter was placed on mans collar while he dumped one (100#) sack of asbestos.

WA-TEX 003791

Test Results : 1.2 LPM X 7MIN = 8.4 LITERS
9 asbestos fibers > 5 μ

TEX 11337

AIR CONTAMINANTS

Sample Taken By	James Castille + C.W. Crouch
Sample Number	A-29
Date	7/5/77
Location	Port Neches Plant
Contaminant	Asbestos
Source of Contaminant	Casey 7MS-1 Magnetic
Instrument Used	Mountain Sampler MSA
Time Start	1:00 PM
Time End	1:15 PM
Duration of Test	15 min
Air Flow Rate	6 CFH
Air Volumn Sampled	1½ CFH
P.R. No. of Employes	779
Job Title of Employes	Laborer
No. Men in Area	Four
Control Measures Used	Respirator, Dustfoe 66
Length of Exposure	6 hr
Area Conditions	Build up of asbestos on floor
Atmospheric Conditions	Raining
Temperature	80+ Wind Velocity:
Comments	Sample was when operator was dumping asbestos bags into the kettle, the filter was placed on his collor. Operator was wearing a Dustfoe 66 filter.
Test Results	1.2 LPM x 15 MIN = 18.0 Liters 17 asbestos fibers greater than 5 μ

AIR CONTAMINANTS

Sample Taken By : C.O. Couch + James Castille
Sample Number : A-30
Date : 7/5/72
Location : Port Neches Plant
Contaminant : Asbestos
Source of Contaminant : Carey 7MS-1 Chrysotile
Instrument Used : Monitaire Sampler MSA
Time Start : 1:20
Time End : 1:25
Duration of Test : 5 MIN
Air Flow Rate : CC 7N
Air Volumn Sampled :
P.R. No. of Employes : 779
Job Title of Employes : Laborer
No. Men in Area : Four
Control Measures Used : Respirator, doors + windows open
Length of Exposure : 6 hrs
Area Conditions :
Atmospheric Conditions : light rain, overcast
Temperature : Wind Velocity:
Comments : Same conditions as sample A-29 except the duration of the test was for 5 MIN

Test Results : 1.2 LPM x 5 MIN = 6.0 Litres
30 asbestos fibers >5μ

TEX 11339

WA-TEX 003793

AIR CONTAMINANTS

Sample Taken By	J.L. Castille + C.W. Couch
Sample Number	A-31
Date	7/5/72
Location	Port Neches Plant
Contaminant	Asbestos
Source of Contaminant	Carey TMS-1 Chrysotile
Instrument Used	Monitaire Sampler MSA + filter
Time Start	1:45 PM
Time End	2:00 PM
Duration of Test	15 MIN
Air Flow Rate	6 CFM
Air Volumn Sampled	1.5 CF
P.R. No. of Employes	
Job Title of Employes	
No. Men in Area	Four
Control Measures Used	
Length of Exposure	
Area Conditions	Build up of loose asbestos on the floor
Atmospheric Conditions	light rain, overcast
Temperature	80+ Wind Velocity:
Comments	Sample was taken after the asbestos sacks were dumped. The filter was located in the area below the top of the bottle
Test Results	1.2 LPM X 15 min = 18 liters <1 asbestos fiber >5 u

TEX 11340

WA-TEX 003794

AIR CONTAMINANTS

Sample Taken By : Charles Crouch and James Castille

Sample Number : XX-11

Date : 7/5/72

Location : Pt. Neches Plant

Contaminant : Talc

Source of Contaminant : United Sieve VH

Instrument Used : Monitaire Sampler MSA and filter

Time Start : 8:52

Time End : 8:58

Duration of Test : 6 min

Air Flow Rate : 10 CFH

Air Volumn Sampled : 9 Liters

P.R. No. of Employes : 779

Job Title of Employes : Laborer

No. Men in Area : 3

Control Measures Used : Dustfoe 66

Length of Exposure : 4 hr.

Area Conditions : Build up of asbestos and talc

Atmospheric Conditions: Cloudy + Raining

Temperature : 80+ Wind Velocity: —

Comments : Talc dust from eight bags of talc (@ 100#), shirt collar of employee

WA-TEX 003795

Test Results : 1.5 LPM x 6 min = 9L

$\frac{1.54 mg}{9L} \times \frac{1L}{.001 m^3} = 171 mg/m^3$ or 513 mppc

TEX 11331

AIR CONTAMINANTS

Sample Taken By : C.W. Crouch + J.L. Castille

Sample Number : XX-12

Date : 7/5/72

Location : Px. Nodes Plant

Contaminant : Talc

Source of Contaminant : United Sierra VH

Instrument Used : Monitaire Air Sampler, MSA

Time Start : 9:11

Time End : 9:17

Duration of Test : (6 min)

Air Flow Rate : 10 CFH

Air Volumn Sampled : 10.8 Liters

P.R. No. of Employes : 779

Job Title of Employes : Laborer

No. Men in Area : 3

Control Measures Used : Dust Toe 66

Length of Exposure : 4 hrs

Area Conditions : Light Rain, Overcast

Atmospheric Conditions:

Temperature : 80+ Wind Velocity:

Comments : Filter was placed on the collar of the employee. Talc resulting from the dumping of 8 (100#) bags of Talc

Test Results : 1.8 lpm x 6 min = 10.8 l

$.84 \text{ mg} / 10.8 \text{ l} \times \frac{1 \text{ l}}{.001 \text{ m}^3} = 77 \text{ mg/m}^3 = 231 \text{ mppc}$

TEX 11541