TEX 11354

AIR CONTAMINANTS

Sample Taken By : James J Castille + Charles Crouch

Sample Number : A41 , A42

Date : 10/4/72

Location : HMVS #70

Contaminant Asbestos : Kaylo Insulation 2½" by 6" by 36"

Source of Contaminant : Kaylo Insulation " "

Instrument Used : MSA Monitaire + Millipore filter

Time Start : 232 PM

Time End : 247 PM

Duration of Test : 15 min

Air Flow Rate : 6 CFH

Air Volumn Sampled : 18 L

PLAINTIFF'S EXHIBIT

TEX-162

	#A41	#A42
P.R. No. of Employes	8624	6342
Job Title of Employes	Insulator	Insulator
No. Men in Area	10	10

Control Measures Used : Dustfoe 66 Respirators and Natural Ventilation

Length of Exposure : 6 hr

Area Conditions : Build-up of asbestos in corners

Atmospheric Conditions: Partly Cloudy

WA-TEX 003801

Temperature : 85 Wind Velocity: E 6-16 MPH

Comments : the two men were performing routine insulation. the man wearing #A-41 filter was mainly placing the Kaylo blocks on the still and securing them with bands. the man wearing #A42 filter was mainly cutting the Kaylo blocks with a hand saw for the other insulators to place on the still. the insulation was being applied to the stills of HMVS #70 3-stories high. there were other crafts in the immediate area not wearing respiratory protection. there were also some insulators and Brick

~~Test Results~~

TEX 11356

AIR CONTAMINANTS

Sample Taken By : James Castille and Charles Crouch

Sample Number : A-43, A-45

Date : 10/4/72

Location : HMVS #70

Contaminant asbestos : Kaylo Insulation 2½" by 6" by 36"

Source of Contaminant : Kaylo Insulation

Instrument Used : MSA Monitaire and filter

Time Start : 250 PM

Time End : 305 PM

Duration of Test : 15 MIN

Air Flow Rate : 6CFH

Air Volumn Sampled : 18L

P.R. No. of Employes :	6342	8624
Job Title of Employes :	Insulator	Insulator
No. Men in Area :	10	10

Control Measures Used : Dustfree 66 Respirator and Natural Ventilation

Length of Exposure : 6 hr

Area Conditions : Build-up of loose insulation in corner

Atmospheric Conditions: Partly Cloudy WA-TEX 003802

Temperature : 85 Wind Velocity: E-6-16 MPH

Comments : Man wearing filter #A-43 spent approx. 7 min attaching wires to the still to hold the ~~asbestos~~ Insulation. He spent ~~[illegible]~~ ~~about~~ the remainder of the time placing the insulation blocks on the still. Man wearing Filter #A-45 spent approx. 7 min cleaning ~~Test Results~~ around the still and the remainder of the time placing the insulation blocks on the still. See Air Contaminant sheet for A41 and A42 for ~~detail~~ detail information concerning this operations

AIR CONTAMINANTS

Sample Taken By : Charles Gould + James Cargill

Sample Number : A:- #A51, #A52, #A53, #A54, #A55

Date : 10/6/72

Location : #1 HCU, FR Front BTM line

Contaminant : Thermabestos, (Asbestos)

Source of Contaminant : John Manville 3', 20" diameter

Instrument Used : MSA Monitaire + filter

Time Start : #A51, #A52 (10:06 A.M.) #A53 (10:06) #A54, #A55 10:2

Time End : #A51, #A52 (10:21 A.M.) #A53 10:36 A.M. #A54 #A55 10:4

Duration of Test : #A51, #A52 (15 MIN) #A53 (30 MIN) #A54, #A55 (15 MIN)

Air Flow Rate : #6 CFH, 1.2 L/min

Air Volumn Sampled : #A51, #A52, #A54, #A55 (18 L) #A53 (36 L)

P.R. No. of Employes : #A51, #A55 (#8953), #A52, #A54 (9246)

Job Title of Employes : Insulators

No. Men in Area : Craftsmen in Area (T+I in Progress)

Control Measures Used : First for 66 respirator, natural ventilation

Length of Exposure : 6-8 hrs.

Area Conditions : T+I work in progress

Atmospheric Conditions: Partly Cloudy

WA-TEX 003803

Temperature : 80+ Wind Velocity: 0-6-8 mph

Comments : Insulators were cutting preformed asbestos with hand saw, and chipping where necessary to make correct fits. There was a noticable buildup of asbestos in the work area where sawing was taking place. #A51, #A52, #A54, + #A55 were breathing zone samples. #A53 was an area sample 6 ft downwind of insulating project. A51 (<1), A52 (<1), A53 (<1)

TEX 11358

Test Results

AIR CONTAMINANTS

Sample Taken By : Charles Crouch

Sample Number : A-57, A-58, A-59

Date : 10/9/72

Location : #4 VPS

Contaminant : Insulation, gas lines along centerhallway

Source of Contaminant :

Instrument Used : MSA Monitair + filter

Time Start : 1:27

Time End : 1:42

Duration of Test : 15 min (A-57, A-58), A-59 - 30 min

Air Flow Rate : 1.2 l/m, 6 CFH

Air Volumn Sampled : 18 l 36 l

P.R. No. of Employes : A-57 - 6358, A-58 - 2084

Job Title of Employes : Insulators

No. Men in Area : two men, other Craftsmen in area

Control Measures Used : Dust fog 66 respirator, natural ventilation

Length of Exposure : 6-8 hrs.

Area Conditions : T+I in Progress

Atmospheric Conditions: Partly Cloudy

WA-TEX 003804

Temperature : 80° Wind Velocity: NW- 5mph

Comments : Insulators were sawing inspection holes in gas line insulation for T+I inspection. Some asbestos insulation appeared to be present, but mostly fiberglass and non-asbestos material. A-57, and A-58 were taken on collars (breathing zone of insulator) A-59 was an area sample collected ± 10ft away from sawing process. A57(1), A58(1), A59(41)

Test Results :

TEX 11359