CERTAINTEED INDUSTRIAL HYGIENE — AIR SAMPLING DATA SHEET — LOCATION Ambler

CONTAMINANT
- ☐ Fiberglass
- ☐ Asbestos
- ☑ Silica Dust
- ☐ Asphalt Fumes
- ☐ Total Dust
- ☐ Other:

SAMPLING METHOD
- ☐ Total Dust, Open Face
- ☐ Total Dust, Closed Face
- ☑ Respirable Dust (Cyclone, 1.7 LPM)
- ☐ Fiberglass #
- ☐ .8 μ CEF Millip
- ☑ PVC FWS-8
- ☐ Other
- ☐ Organics ☐ CT ☐ Silica Gel
- ☐ Impinger Solution...
- ☐ Other

Does Employee Smoke? ☐ NO ☐ YES
Cigarettes ☐ Pipe ☐ Cigars ☐
Per Day _____

Products, Production Rate:
- ☑ Normal Operations
- ☐ DownTime _____

12"

Pump or Equipment Manufacturer: ☐ Bendix ☐ Sipin ☐ Other: ☑ DuPont ☐ MSA

P400 Model

Department: Mfg
☑ Personal Sample
Name Bob Lutz
Job Title Mixer Operator
Employee Number _____

Machine Location and Number: Dump Station
☐ Area Sample
Location _____
Employees in Area — Job Title

Control No.	Pump Serial	Sample No.	Start Time	Stop Time	Total (Min)	LPM	Volume Liters	Dust Weight Fibers/Filter	Airborne Concentration
064	5807	A459	6:45a	1:55p	430	1.76	756.8	0.133 mg.	0.18 mg/m³
								Silica = 12 %	TLV = 0.71 mg/M³

Did the Employee wear a respirator? ☐ NO ☑ YES ☐ SOME OF THE TIME

...When: 3M 8710 While dumping

(Manufacturer, Model, Cartridge)

Audiodosimeter: Manufacturer _____ Model _____ Setting: 85 or 90

Hearing Protection Used? ☐ NO ☐ YES ☐ Some of the time...when?

Manufacturer _____ Type _____

Dosimeter No.	Cell No.	Time on	Time off	Total Time	Results %	Corrected to hour Full day

Comments: (Sketches, Layouts, & Calculations on back)

Signature: _____
Sample Date: 3/18/80

General Information:

Weather Conditions:
Outside Temp. 35° 40°
Wind Direction _____
Wind Velocity _____
Barometric Pressure _____
- ☐ Sunny ☐ Rain
- ☑ Partly Cloudy ☐ Snow, Steamy
- ☐ Cloudy ☐ Humid
- ☐ Fog

PLAINTIFF'S EXHIBIT
CT-1395

CTD019222

CERTAINTEED INDUSTRIAL HYGIENE — AIR SAMPLING DATA SHEET — LOCATION Ambler

CONTAMINANT
- [ ] Fiberglass
- [ ] Asbestos
- [x] Silica Dust
- [ ] Asphalt Fumes
- [ ] Total Dust
- [ ] Other:

SAMPLING METHOD
- [ ] Total Dust, Open Face
- [ ] Total Dust, Closed Face
- [x] Respirable Dust (Cyclone, 1.7 LPM)
- [ ] Fiberglass #
- [ ] .8 μ CEF Millip #
- [x] PVC FWS-B #
- [ ] Other
- [ ] Organics — [ ] CT [ ] Silica Gel
- [ ] Impinger, Solution...
- [ ] Other

Does Employee Smoke? [ ] NO [ ] YES
Cigarettes [ ] Pipe [ ] Cigars [ ]
Per Day _____

Products, Production Rate: (4") small ½ length dia
- [x] Normal Operations
- [ ] DownTime _____

Pump or Equipment Manufacturer: [ ] Bendix [ ] Sipin [ ] Other: [x] Dupont [ ] MSA

P4000 Model

Department: Finishing
- [x] Personal Sample

Name Gregory Rickert
Job Title Lathe Operator
Employee Number _____

Machine Location and Number: Line #1
- [ ] Area Sample

Location _____
Employees in Area _____ Job Title _____

Control No.	Pump Serial	Sample No.	Start Time	Stop Time	Total (Min)	LPM	Volume Liters	Dust Weight Fibers/Filter	Airborne Concentration
065	4979	A463	705a	145p	400	1.64	656.0	0.069 mg.*	0.11 mg/m³
								*Silica Analysis not possible, weight < 0.100 mg.	

Did the Employee wear a respirator? [x] NO [ ] YES [ ] SOME OF THE TIME

...WHEN: _____ (Manufacturer, Model, Cartridge)

Audiodosimeter: Manufacturer _____
Model _____
Setting: 85 or 90

Hearing Protection Used? [ ] NO [ ] YES [ ] Some of the time...when?
Manufacturer _____
Type _____

Dosimeter No.	Cell No.	Time on	Time off	Total Time	Results %	Corrected to hour Full day

Comments: (Sketches, Layouts, & Calculations on back)

Changed to line 2 approx 11.30 or 12.00

Signature: [signature]
Sample Date: 3/18/80

General Information:

Weather Conditions:
Outside Temp. 35-40
Wind Direction _____
Wind Velocity _____
Barometric Pressure _____

- [ ] Sunny [ ] Rain
- [x] Partly Cloudy [ ] Snow, Steamy
- [ ] Cloudy [ ] Humid
- [ ] Fog

CTD019223

CERTAINTEED INDUSTRIAL HYGIENE — AIR SAMPLING DATA SHEET — LOCATION: Avella

CONTAMINANT
- ☐ Fiberglass
- ☐ Asbestos
- ☑ Silica Dust
- ☐ Asphalt Fumes
- ☐ Total Dust
- ☐ Other:

SAMPLING METHOD
- ☐ Total Dust, Open Face
- ☐ Total Dust, Closed Face
- ☐ Respirable Dust (Cyclone, 1.7 LPM)
- ☐ Fiberglass #
- ☐ .8 μ CEF Millip #
- ☑ PVC FWS-B
- ☐ Other

Organics ☐ ☐ CT ☐ Silica Gel

Impinger, Solution... ☐

Other ☐

Does Employee Smoke? ☐ NO ☐ YES
Cigarettes ☐ Pipe ☐ Cigars ☐
Per Day _____

Products, Production Rate:
- ☑ Normal Operations
- ☐ Downtime _____

Pump or Equipment Manufacturer: ☐ Bendix ☐ Sipin ☐ Other: ☑ Dupont ☐ MSA

P4000 Model

Department: Fittings

☑ Personal Sample

Name: John DeSilva

Job Title: Mill/Lathe Operator

Employee Number _____

Machine Location and Number: _____

☐ Area Sample

Location _____

Employees in Area — Job Title

Control No.	Pump Serial	Sample No.	Start Time	Stop Time	Total (Min)	LPM	Volume Liters	Dust Weight Fibers/Filter	Airborne Concentration
066	4978	1468	~~7:20a~~ 8:00a	1:45p	385	1.7	654.5	0.074 mg.*	0.11 mg/m³
								* Silica Analysis not possible,	
								weight < 0.100 mg.	

Did the Employee wear a respirator? ☑ NO ☐ YES ☐ SOME OF THE TIME

...WHEN: _____ (Manufacturer, Model, Cartridge)

AUDIODOSIMETER: Manufacturer _____ Model _____ Setting: 85 or 90

Hearing Protection Used? ☐ NO ☐ YES ☐ Some of the time...when?

Manufacturer _____ Type _____

Dosimeter No.	Cell No.	Time on	Time off	Total Time	Results I	Corrected to hour Full day

COMMENTS: (Sketches, Layouts, & Calculations on back)

7:20 – 8:00 Universal ~~Mill~~ Mill

8:00 – 1:45 Mill Lathe

Signature: JW

Sample Date: 3/18/80

General Information:

Plant Cleaner – Classification is now Rowan used to be Frank DeMarco

Weather Conditions:

Outside Temp. 40°

Wind Direction _____

Wind Velocity _____

Barometric Pressure _____

☐ Sunny ☐ Rain ☑ Partly Cloudy ☐ Snow ☐ Steamy ☐ Cloudy ☐ Humid ☐ Fog

CTD019224

CERTAINTEED INDUSTRIAL HYGIENE — AIR SAMPLING DATA SHEET — LOCATION Ardmore

CONTAMINANT
- ☐ Fiberglass
- ☐ Asbestos
- ☑ Silica Dust
- ☐ Asphalt Fumes
- ☐ Total Dust
- ☐ Other:

SAMPLING METHOD
- ☐ Total Dust, Open Face
- ☑ Total Dust, Closed Face
- ☐ Respirable Dust (Cyclone, 1.7 LPM)
- ☐ Fiberglass
- ☐ .8 μ CEF Millip
- ☑ PVC FWS-8
- ☐ Other
- ☐ Organics ☐ CT ☐ Silica Gel
- ☐ Impinger, Solution:
- ☐ Other

Does Employee Smoke? ☐ NO ☐ YES
Cigarettes ☐ Pipe ☐ Cigars ☐
Per Day

Products, Production Rate:
- ☑ Normal Operations
- ☐ DownTime

12"

Pump or Equipment Manufacturer: ☐ Bendix ☐ Sipin ☐ Other: ☑ DuPont ☐ MSA

P4000 Model

Department: Mfg

Machine Location and Number:

☑ Personal Sample

Name: Charlie Worthington

Job Title: Press Operator

Employee Number:

☐ Area Sample

Location:

Employees in Area — Job Title

Control No.	Pump Serial	Sample No.	Start Time	Stop Time	Total (Min)	LPM	Volume Liters	Dust Weight Fibers/Filter	Airborne Concentration
067	6595	1470	6:52a	1:55p	423	1.68	710.64	0.126 mg.	0.18 mg/M³
								Silica = 37%	TLV: 0.26 mg/M³

Did the Employee wear a respirator? ☑ NO ☐ YES ☐ SOME OF THE TIME

...WHEN: (MANUFACTURER, MODEL, CARTRIDGE)

AUDIODOSIMETER: Manufacturer
Model
Setting: 85 or 90

Hearing Protection Used? ☐ NO ☐ YES ☐ Some of the time...when?
Manufacturer
Type

Dosimeter No.	Cell No.	Time on	Time off	Total Time	Results I	Corrected to hour Full day

COMMENTS: (Sketches, Layouts, & Calculations on back)

Training a new Press operator

Signature: JW
Sample Date: 3/18/80

General Information:

Weather Conditions:
Outside Temp. 35-40°
Wind Direction
Wind Velocity
Barometric Pressure
- ☐ Sunny ☐ Rain
- ☑ Partly Cloudy ☐ Snow, Steamy
- ☐ Cloudy ☐ Humid
- ☐ Fog

CTD019225

CERTAINTEED INDUSTRIAL HYGIENE — AIR SAMPLING DATA SHEET — LOCATION Ambler

CONTAMINANT
- [ ] Fiberglass
- [ ] Asbestos
- [x] Silica Dust
- [ ] Asphalt Fumes
- [ ] Total Dust
- [ ] Other:

SAMPLING METHOD
- [ ] Total Dust, Open Face
- [ ] Total Dust, Closed Face
- [x] Respirable Dust (Cyclone, 1.7 LPM)
- [ ] Fiberglass #
- [ ] .8 μ CEF Millip #
- [x] PVC FWS-B #
- [ ] Other
- [ ] Organics — [ ] CT — [ ] Silica Gel
- [ ] Impinger, Solution...
- [ ] Other

Does Employee Smoke? [ ] NO [ ] YES
Cigarettes [ ] Pipe [ ] Cigars [ ]
Per Day _____

Products, Production Rate:
- [x] Normal Operations
- [ ] DownTime _____

PUMP OR EQUIPMENT MANUFACTURER: [ ] Bendix [ ] Sipin [ ] Other: [x] Dupont [ ] MSA

P4000 MODEL

DEPARTMENT: Boring Mill Fittings

[ ] Personal Sample

NAME Charles Hanschlin

JOB TITLE Mill Operator

EMPLOYEE NUMBER _____

MACHINE LOCATION AND NUMBER:

[ ] Area Sample

LOCATION _____

EMPLOYEES IN AREA — JOB TITLE

Control No.	Pump Serial	Sample No.	Start Time	Stop Time	Total (Min)	LPM	Volume Liters	Dust Weight Fibers/Filter	Airborne Concentration
068	5851	8476	7:00a	1:45p	405	1.67	676.35	0.149 mg.	0.22 mg/m³
								Silica= 11%	TLV= 0.77 mg/m³

Did the Employee wear a respirator? [x] NO [ ] YES [ ] SOME OF THE TIME

...WHEN: _____ (Manufacturer, Model, Cartridge)

AUDIODOSIMETER: Manufacturer _____ Model _____ Setting: 85 or 90

HEARING PROTECTION USED? [ ] NO [ ] YES [ ] Some of the time...when?

MANUFACTURER _____ TYPE _____

Dosimeter No.	Cell No.	Time on	Time off	Total Time	Results %	Corrected to hour Full day

COMMENTS: (Sketches, Layouts, & Calculations on back)

10 - 12" Cplgs.

Signature: [signature]
Sample Date: 3/18/80

General Information:

WEATHER CONDITIONS:
Outside Temp. 40°
Wind Direction _____
Wind Velocity _____
Barometric Pressure _____

- [ ] Sunny
- [x] Partly Cloudy
- [ ] Cloudy
- [ ] Fog
- [ ] Rain
- [ ] Snow
- [ ] Steamy
- [ ] Humid

CTD019226

CERTAINTEED INDUSTRIAL HYGIENE — AIR SAMPLING DATA SHEET — LOCATION Pueblo

CONTAMINANT
- ☐ Fiberglass
- ☐ Asbestos
- ☒ Silica Dust
- ☐ Asphalt Fumes
- ☐ Total Dust
- ☐ Other:

SAMPLING METHOD
- ☐ Total Dust, Open Face
- ☐ Total Dust, Closed Face
- ☒ Respirable Dust (Cyclone, 1.7 LPM)
- ☐ Organics ☐ CT ☐ Silica Gel
- ☐ Impinger, Solution:
- ☐ Other

- ☐ Fiberglass #
- ☐ .8 μ CEF Millip #
- ☑ PVC FWS-B
- ☐ Other

DOES EMPLOYEE SMOKE? ☐ NO ☐ YES
CIGARETTES ☐ PIPE ☐ CIGARS ☐
PER DAY _____

PRODUCTS, PRODUCTION RATE:
- ☑ Normal Operations 12
- ☐ DownTime _____

PUMP OR EQUIPMENT MANUFACTURER:
- ☐ Bendix ☐ Sipin ☐ Other:
- ☑ DuPont ☐ MSA

P1000 MODEL

DEPARTMENT: Mfg

MACHINE LOCATION AND NUMBER:

☐ Personal Sample

☑ Area Sample

NAME _____

LOCATION 2nd floor near #1 & 2 mixer

JOB TITLE _____

EMPLOYEES IN AREA — JOB TITLE

EMPLOYEE NUMBER _____

Control No.	Pump Serial	Sample No.	Start Time	Stop Time	Total (Min)	LPM	Volume Liters	Dust Weight Fibers/Filter	Airborne Concentration
069	4973	0462	6:47a	1:55p	428	1.68	719.04	0.167 mg.	0.23 mg/m³
								Silica 12 %	TLV: 0.71 mg/M³

DID THE EMPLOYEE WEAR A RESPIRATOR? ☐ NO ☐ YES ☐ SOME OF THE TIME

...WHEN: _____ (MANUFACTURER, MODEL, CARTRIDGE)

AUDIODOSIMETER: Manufacturer _____ Model _____ Setting: 85 or 90

HEARING PROTECTION USED? ☐ NO ☐ YES ☐ Some of the time...when?

MANUFACTURER _____ TYPE _____

Dosimeter No.	Cell No.	Time on	Time off	Total Time	Results %	Corrected to hour Full day

COMMENTS: (SKETCHES, LAYOUTS, & CALCULATIONS ON BACK)

Hanging 5' from floor

SIGNATURE: _____

SAMPLE DATE: 3/18/80

GENERAL INFORMATION:

WEATHER CONDITIONS:
OUTSIDE TEMP. 35-40°
WIND DIRECTION _____
WIND VELOCITY _____
BAROMETRIC PRESSURE _____

- ☐ Sunny ☐ Rain
- ☒ Partly Cloudy ☐ Snow, Steamy
- ☐ Cloudy ☐ Humid
- ☐ Fog

CTD019227