

cc: F. W. Eaton/Cambridge
L. K. Park/Lexington
T. E. Winkel/Santa Ana
S. Venuti/Cambridge
J. W. Wolter/Cambridge
W. R. Wright/Cambridge
J. Yang/Cambridge

10001714

NOISE MONITORING

Both personnel dosimetry and area noise level measurements were done at Phoenix. The results are listed below and on the attached sheets. The noise monitoring was done using both 80 dB and 90 dB threshold levels. An exposure exceeding the OSHA 85 dBA "Action Level" (with an 80 dB threshold) signals the need for a hearing conservation program. An exposure exceeding the OSHA PEL of 90 dBA (with a 90 dB threshold) requires mandatory hearing protection.

The results indicate that the existing Hearing Conservation Program must remain in effect for all employees working around or at the monokote production area.

<u>Employee</u>	<u>Job Location</u>	<u>8-Hour TWA (dBA)</u>	
		<u>80 dB</u>	<u>90 dB</u>
Scott Johnson	Model A Operator	84.7	64.1
Travis Martin	Model A Operator	83.2	73.9
Dean Bailey	Forklift Driver	82.4	72.2
Michael Beaulieu	Monokote Mixer/Bagger	85.8	62.2
Steve Baldenegro	Monokote Mixer/Bagger	88.3	81.5

SAFETY SURVEY

At this time, there are no recommendations.

Dawn E. Speranza
Dawn E. Speranza

DS/km

Attachments

D011

10001715

AREA NOISE READINGS

Location: Phoenix, AZ

	<u>Distance (ft.)</u>	<u>dBA</u>
Model A Bagging station	at operator's ear	84.0
Model A furnace (shoot)	2 ft.	90.4
Monokote Mixer	2 ft.	84.0
Monokote Bagger	at operator's ear	87-88.0
D-18 furnace	2 ft.	91-92.6
Model A stoner deck	middle	88.7
D-18 stoner deck	middle	90.6
Compressor	outside	----
Forklift truck (reved)	2 ft.	88 ⁰
Waste compactor	3 ft.	82.7
D-18 furnace base	2 ft.	91.9-92.6
Celib mixer	2 ft.	84.1
Liquid AOK pump	2 ft.	pulse (90.0 db)

MK-3 Audio Dosimeter S/N# 19302

Calibration:

Pre: 94.0, 113.9, 124.2
Post: 94.0, 113.9, 124.0

D011

10001716

TO: All Employees

DATE: August 3, 1987

FROM: J. Ashworth

SUBJ: Air Sampling Results

The results of the air samples for fiber completed on July 16, 1987, by Health, Safety and Environmental Services are listed below. The present OSHA Permissible Exposure Limit is 0.2 fibers/cc of air for an 8-hour Time-Weighted Average (TWA).

<u>Employee</u>	<u>8-Hour TWA (f/cc)</u>
1. Scott Johnson	0.105
2. Travis Martin	0.047
3. Larry Bailey	0.015

Plant Manager

DATES:

Posted: _____

Removed: _____

10001717

ZONOLITE PLANT - INDUSTRIAL HYGIENE AUDIT

Plant Location: Phoenix, Arizona

Date: 15 July 1987

Audited By: Dawn E. Speranzo

AIR SAMPLING LOCATIONS:

ASBESTOS (Personnel):

☒ Vermiculite Baggers
☒ Furnace Operators
☒ Truck Loaders - forklift
____ Maintenance (Clean-up)
____ Other, (List) _____

TOTAL DUST:

☒ Monokote Mixer
☒ Monokote Bagger
____ Perlite Bagger
____ Soil Line Mixer
____ Soil Line Bagger
____ Other, (List) _____

ENGINEERING SAMPLES:

☒ Stoner (Product End)
☒ Stoner (Waste End)
☒ Waste Rock Hopper
☒ Bag House Waste Drop
☒ Other, (List) Bulk D-18 Conveyor, Model A shoot

NOISE MONITORING: (list job descriptions)

1. STEVE BALDENEGR - MONOKOTE MIXER/BAGGER
2. LARRY BAILEY - FORKLIFT DRIVER
3. MICHAEL BEAULIEU - MONOKOTE MIXER/BAGGER
4. TRAVIS MARTIN - MODEL A OPERATOR
5. _____

10001718

PLANT WALK-THROUGH SURVEY:

(✓) = Satisfactory Condition

ENGINEERING CONTROLS

- Waste Rock Hoppers
- Stoner Flaps
- Baghouse Waste Drop
- Bag Waste Compactor
- Monokote Mixing Ventilation
- General & Miscellaneous Ventilation

✓	Status (list)
✓	
✓	
✓	
✓	make sure shut before starting
✓	
✓	

GENERAL CONDITIONS

- Employee Work Practices
- Proper Respirator Use
- Personal Protective Equipment Use
 - Safety Glasses
 - Protective Footwear
 - Protective Headwear
 - Other
- Plant Housekeeping
- Forklift Trucks
- Truck Wheel Chocks & Dock Plates
- Machine Guards and Railings
- Ladders
- Fire Extinguishers
- Battery Charging Stations
- Electrical Cords
- Labeled Electrical Panels
- Storage & Handling of Flammables
- Warehouse Storage (Pallets)
- Stoner Deck Conditions
- Secured Compressed Gas Cylinders
- Synanon Safety Promotion/Incentive Program

✓	Status (list)
✓	
✓	
✓	
NA	
NA	
✓	WINTER - HARD HATS
NA	
✓	very clean
✓	
✓	
✓	
✓	called to be recharged - recharged
NA	
✓	
✓	
✓	
✓	
✓	
✓	

(✓) = Satisfactory Condition

HEALTH SURVEILLANCE PROGRAM

Pre-Employment Physicals

Annual Surveillance: Chest X-ray

Lung-Function Test

Audiogram

Health Questionnaire

✓	Status (list)
✓	
✓	1/19/87
✓	
✓	
✓	

PROGRAMS, PROCEDURES AND RECORDKEEPING

Copy of OSHA Regulations (29CFR1910)

Copy of Safety Program Manual

General Safety Rules

Formal Inspection Program

Incident Investigation

Safety Meetings

First Aid Training & Equipment

Written Respirator Program

Respirator Training & Fitting Records

Copy of Hearing Conservation Std.

Hearing Conservation Training Records

OSHA 200 Log (6 day up-to-date)

Lockout and Tag Procedures

Baghouse Entry Procedure (New)

Employee Hazard Communication

Forklift Driver Training Program

Asbestos Training - "Picture Perfect" (New)

Other Programs

✓	Status (list)
	New copy being sent
✓	
✓	
✓	
✓	
✓	1 employee per shift
✓	
✓	
✓	
✓	
✓	
✓	
✓	
✓	need new one for 1984 copy
✓	HARD HAT WINTER MONTHS

10001720

HAZARD COMMUNICATION PROGRAM:

Right-To-Know

1. Does the Health, Safety and Environmental Response Manual contain the procedures needed to implement the Right-To-Know Training Program, i.e. 005-A "In-House Labelling", 006-A "Material Safety Data Sheets" and 007-A "Written Hazard Communications Program"?
2. Has the Labelling Program been implemented? Are labels easily visible and in satisfactory condition?
3. Is the "Workplace Notebook" containing the Chemical Inventory Lists, Material Safety Data Sheets and HITS Training Information Sheets available in a location "readily accessible during each work shift to employees when they are in their work areas"?
- Do employees know where it is?
4. Do individual employee files contain records of Right-To-Know Training, including training dates, identity of specific information and individual chemicals covered and the person completing the training?
5. Some states require the use of state prepared Right-To-Know posters. Has the plant manager identified this requirement and posted where applicable?

Status (list)	
Yes	No *
✓	
✓	
✓	
✓	
✓	
Not state required	
✓ has it.	

Comments *:

Signature: Gerry W. Schwartz

Plant Manager

10001721

Dawn E. Sperry

Industrial Hygienist

P089

FIT TESTING RECORD

Name	Date	Respirator			Type of Test*	Results*	Test Administrator
		Make	Model	Date			
ALIMAHU	7-16	Wilson	3000		Irritant smoke	PASS	Dawn & Spruig
LES MARTINEZ	7-16	Wilson	3000		Irritant smoke	PASS	Dawn & Spruig
Chad	7-16	3M	8710		Sodium saccharin	PASS	Dawn & Spruig
Chad	7/16/87	3M	8710		"	PASS	Dawn & Spruig
W. Blandin	7-16-87	3M	8710		"	PASS	Dawn & Spruig
Bruce Ellison	7-16-87	3M	8710		"	PASS	Dawn & Spruig
S. Boudonogue	7-16-87	3M	8710		"	PASS	Dawn & Spruig

* Irritant smoke, isoamyl acetate, sodium saccharin

** Pass or Fail

RESPIRATOR TRAINING RECORD

[illegible]

Instructor:

Dann E Spitzke

10001723

RACE

NOISE DOSIMETRY RECORD II

Health, Safety & Toxicology

Plant Location Phoenix ARIZONA

Date 15 July 1987

Measurements by Dawn Speranza

EMPLOYEE NAME	SCOTT JOHNSON	TRAVIS MARTIN	DEAN BAILLY	Michael Broulien
SEC. NO.	505-96-8037	552-31-2318	526-69-0671	527-27-8758
DESCRIPTION	Model A operator	Model A operator	Forklift driver	MOTORIST N/A/R/BAG
ACTIVE EQUIP.	NONE	NONE	NONE	3M 8710
METER NO.	19305	19302	13576	19305
RATION PRE POST	94.4 114.3 124.0 94.3 114.3 124.0	93.7 113.4 124.0 93.8 114.0 124.0	94.0 113.9 123.7 93.9 114.0 124.0	94.0 113.8 124.0 94.0 114.0 124.0
IN WORKDAY	480	480	480	480
BREAK MIN.	15/15	15/15	15/15	15/15
METER ON OFF	1 ⁰⁰ 6 ⁰⁰	5 ¹⁵ 12 ¹⁵	5 ²⁰ 12 ³⁰	5 ¹⁰ 12 ⁰⁰
TIME MIN.	285	420	425	412
SE %	27.7	34.0	30.8	47.7
avg. (dB)	84.5	85.2	82.4	85.8
SE %	01.6	09.3	07.5	01.8
avg. (dB)	64.0	75.9	72.2	62.1
(dB)	105.8	123.8	124.0	101.5
OF L max.	3:58	0:00	0:01	3:37
- max. (1/16 sec.)	106.3	124.0	124.0	103.3
8-hr DOSE	46.4	51.2	34.7	55.4
115 dB	0:00	0:00	0:01	0:00
hr TWA (dB)	84.7	83.2	82.4	85.8
hr TWA (dB)	64.1	73.9	72.2	62.2

Comment: ^{MK-3} DuPont MK-2 dosimeter

Additional Comments

Settings: (1) (2)

SHIFT: 5am-1pm

Threshold Level 80 dBA 90 dBA

Warning Level 90 dBA 90 dBA

Logging Rate 5 5

1pm-9pm

GRACE

NOISE DOSIMETRY RECORD II

Health, Safety & Toxicology

Plant Location Phoenix ARIZONA

Date 15 July 1987

Measurements by Dawn Speranza

EMPLOYEE NAME	STEVE BALDENFARO		
SOC. SEC. NO.	527-53-5002		
JOB DESCRIPTION	NONCOTEMMER/BAG		
PROTECTIVE EQUIP.	3M 8710		
DOSIMETER NO.	13579		
CALIBRATION	PRE	POST	
	94.1	114.0 124.0	
	94.1	114.0 124.0	
MIN. IN WORKDAY	480		
TOTAL BREAK MIN.	30 / 30		
DOSIMETER	ON	OFF	
	5 ³⁰	12 ¹⁵	
START TIME	406		
(1) DOSE %	66.3		
(1) L avg. (dB)	88.2		
(2) DOSE %	25.7		
(2) L avg. (dB)	81.4		
L max. (dB)	110.9		
TIME OF L max.	2:24		
PEAK L max. (1/16 sec.)	118.8		
PROJ. 8-hr DOSE	78.0		
TIME > 115 dB	0:00		
(1) 8-hr TWA (dB)	88.3		
(2) 8-hr TWA (dB)	81.5		

Equipment: DuPont ^{MK-3} MK-2 dosimeter

Additional Comments

Settings: (1) (2)

SHIPT. 5am-1pm

Threshold Level 80 dBA 90 dBA

Correction level 90 dBA 90 dBA

Doubling Rate 5 5

10001725

C O N F I D E N T I A L

CONSTRUCTION

PRODUCTS

DIVISION

Report: 76611

Group: CPD MANUFACTURING

Date: JULY 20, 1987

Charge No.: 1174

Requestor: DAWN SPERANZA

Marketing or Manufacturing Approvals:

Name: L. PARK

Approved: [Signature]

REQUEST FOR TECHNICAL SERVICE

PROBLEM TITLE: Environmental Evaluation -- Air -- Fibrous Materials.

SIGNIFICANCE: The evaluation of workplace air on a periodic basis is necessary to comply with the air sampling section of the OSHA Asbestos Standard.

SPECIFIC OBJECTIVE: Determine fiber counts for filter media.

SUGGESTED APPROACH: Phase contrast microscopy.

DEADLINE (last day information will be of value): Two (2) weeks.

DETAILS OF PROBLEM: PLEASE EVALUATE PERONNEL AIR SAMPLES FROM PHOENIX; AZ
SAMPLE NUMBERS: PH-1 through PH-28

ACCEPTED BY RESEARCH DEPT.: Charles L. Sanders Jr. DATE: 07/21/87

ASSIGNED TO: Marta Canete

ADDITIONAL COPIES: Original to Library:

R.J. BETTACCHI, F.W. EATON, L.K. PARK, J.W. WOLTER
W.R. WRIGHT, J. YANG

10001726

REQUEST FOR TECHNICAL SERVICE

RFTS: 76611

GROUP: CPD Manufacturing

COST: \$725.00

DATE: July 30, 1987

SUMMARY AND RESULTS:

Twenty-eight personnel samples were received from Phoenix, AZ and evaluated for their fiber content.

The results are as shown on the attached Air Sampling Record Sheets.

Marta Canete

Marta Canete

GRACE

AIR SAMPLING RECORD SHEET

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location: Phoenix, AZ
 Division: CPD
 Sampling by: DAVID E. SPANZA Date: 7/15/87
 Contaminant: Asbestos fibers

Weather: partly cloudy
 Temperature: 105°F
 Pressure: 30.17" Hg
 Humidity: very good
 RH: 18%

Type of Sampling: Personnel ☒ Engineering ☐
 Collection Media: O.E. 44 A membrane
 (material used: cellulose)
 Pump (type & model): Dart P-2500

Sample No.	Employee Name & Social Security No.	Personal Protective Equipment	Job Location and Description	Pump No.	CLOCK TIME			Flow Rate	Total Volume Sampled	Final Lab Evaluation
					Off	On	Total			
PH-1	Scott Johnson 505-96-8037	NONE	Model A operator	57	1 ⁵⁵	2 ⁰⁰	45	2.0	90	0.14
PH-2	Scott Johnson	NONE	"	57	2 ⁰⁰	2 ⁴⁵	45	2.0	90	0.05
PH-3	Scott Johnson	NONE	"	57	2 ⁴⁵	3 ³⁵	40	2.0	80	0.07
PH-4	Scott Johnson	NONE	"	57	3 ²⁵	4 ⁰⁰	35	2.0	70	0.17
PH-5	Scott Johnson	NONE	"	57	4 ⁰⁰	4 ²⁰	20	2.0	40	0.06
PH-6	Scott Johnson	NONE	"	57	4 ²⁰	5 ⁰⁰	40	2.0	80	0.07
PH-7	Scott Johnson	NONE	"	57	5 ⁰⁰	5 ³⁰	30	2.0	60	0.19
PH-8	Scott Johnson	"	"	57	5 ³⁰	6 ⁰⁰	30	2.0	60	Invalid*
PH-9	TOWLS, M. ARTHUR 552-31-2318	NONE	MODEL A OPERATOR	57	5 ²⁰	5 ⁵⁰	30	2.0	60	0.05
PH-10	LARRY BAILEY 526-69-0671	NONE	Forklift driver / truck loader	57	5 ⁵⁵	6 ¹⁰	55	2.0	110	0.02

Additional Comments: Shift: 1-9 ORG: L-3 Laboratory Evaluation by: Santa Genete
REMS: 4³⁰ 4⁴⁵ Date: July 28 1987
DEANS / VAN 7-7¹⁵, 10-10¹⁵ * Too dusty to read
PRODUCT: BURLAP (MINIBURLS)

10001728

GRACE

AIR SAMPLING RECORD SHEET

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location Phoenix Arizona
 Division C.P.D.
 Sampling by DION E. SPANZA Date 7/15/87
 Contaminant Asbestos Fiber

Weather partly cloudy
 Temperature 96°F
 Pressure
 Housekeeping very good
Alt - 49%

Type of Sampling: Personnel ☒ Engineering
 Collection Media O.P.M. AA membrane
(mixed ester of cellulose)
 Pump (type & model) DuPont - P-2500

Sample No.	Employee Name & Social Security No.	Personal Protective Equipment	Job Location and Description	Pump No.	CLOCK TIME			Flow Rate	Total Volume Sampled	1/100 Lab Evaluation
					Off	On	Total			
PH-12	Travis Martin	NONE	Model A operator	51	5 ³⁰	6 ²⁵	35	2.0	70	0.05
PH-11	Larry Bailey	NONE	Forklift driver	57	6 ¹⁰	7 ¹⁰	60	2.0	120	0.02
PH-13	Travis Martin	NONE	Model A operator	51	6 ²⁵	7 ⁰⁰	35	2.0	70	0.02
PH-14	Travis Martin	NONE	" "	51	7 ⁰⁰	8 ⁰⁰	60	2.0	120	0.02
PH-15	Larry Bailey	NONE	Forklift driver	57	7 ¹⁰	8 ⁰⁰	50	2.0	100	0.02
PH-16	Travis Martin	NONE	Model A operator	51	8 ⁰⁰	8 ³⁵	35	2.0	70	0.05
PH-17	Larry Bailey	NONE	Forklift driver	57	8 ⁰⁰	8 ⁵⁵	55	2.0	110	0.01
PH-18	Travis Martin	NONE	Model A operator	51	8 ⁵⁵	9 ¹⁵	40	2.0	80	0.04
PH-19	Larry Bailey	NONE	Forklift driver	57	8 ⁵⁵	9 ⁴⁵	50	2.0	100	0.01
PH-20	Travis Martin	NONE	Model A operator	51	9 ⁰⁵	9 ³⁰	40	2.0	80	0.04

Additional Comments SHEET: 5m-7pm OR L-3 Model A

Laboratory Evaluation by Yatta Canite

Product: BURLAP

Lot: L-4 D-18

Date July 28 1987

10001729

Batch: 7-18 10-105 (ALL)

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location Phoenix ARIZONA
 Division C.P.D.
 Sampling by DAVID E. SPANZA Date 7/16/87
 Contaminant asbestos fiber

Weather partly cloudy
 Temperature 96°F at 10:00 am
 Pressure 30.17" Hg
 Housekeeping very good
RI = 49%

Type of Sampling: Personnel ☒ Engineering ☐
 Collection Media 0.6um AA membrane
 (mixed ester cellulose)
 Pump (type & model) DaPort P2500

Sample No.	Employee Name & Social Security No.	Personal Protective Equipment	Job Location and Description	Pump No.	CLOCK TIME			Flow Rate	Total Volume Sampled	m ³ /hr
					Off	On	Total			
PH-21	Larry Bailey 526-19-0671	NONE	Forklift driver	57	9 ⁴⁵	10 ²⁵	40	2.0	80	0.2
PH-22	Travis Martin	NONE	Model A operator	51	9 ⁵⁰	10 ⁵⁵	35	2.0	70	0.10
PH-23	Travis Bailey	NONE	Model A operator	57	10 ²⁰	10 ⁵⁰	25	2.0	50	0.09
PH-24	Larry Bailey	NONE	Forklift driver	51	10 ³⁰	11 ²⁵	65	2.0	130	0.01
PH-25	Travis Bailey	NONE	Model A operator	57	10 ⁵⁰	11 ²⁵	35	2.0	70	0.10
PH-26	Larry Bailey	NONE	Forklift driver	51	11 ³⁵	12 ¹⁵	40	2.0	80	0.02
PH-27	Travis Bailey	NONE	Model A operator	57	11 ⁵⁵	11 ⁵⁵	20	2.0	40	0.05
PH-28	Travis Bailey	NONE	Model A operator	57	11 ⁵⁵	12 ²⁰	35	2.0	70	0.03

Additional Comments SHIFT: 5am-1pm URE: L-3 - Model A

Breaks: 7⁰⁰-7¹⁵, 10⁰⁰-10¹⁵ (ALL) L-4: D-18

* New procedure for bag house disposal on trial

Laboratory Evaluation by Marta C...

Date Jul, 28, 1987

10001730

C O N F I D E N T I A L

CONSTRUCTION

PRODUCTS

DIVISION

Report: 76612
Group: CPD MANUFACTURING
Date: JULY 20, 1987
Charge No.: 1174
Requestor: DAWN SPERANZA
Marketing or Manufacturing Approvals:
Name: LARRY PARK
Approved: [Signature]

REQUEST FOR TECHNICAL SERVICE

PROBLEM TITLE: Environmental Evaluation -- Air -- Fibrous Materials.

SIGNIFICANCE: The evaluation of workplace air on a periodic basis is necessary to comply with the air sampling section of the OSHA Asbestos Standard.

SPECIFIC OBJECTIVE: Determine fiber counts for filter media.

SUGGESTED APPROACH: Phase contrast microscopy.

DEADLINE (last day information will be of value): Two (2) weeks.

DETAILS OF PROBLEM: PLEASE EVALUATE ENGINEERING SAMPLES FROM PHOENIX, AZ

SAMPLE NUMBERS: PH-40 through PH-53

ACCEPTED BY RESEARCH DEPT.: [Signature] DATE: 07/21/87

ASSIGNED TO: Marta Canete

ADDITIONAL COPIES: Original to Library;

10001731

F.J. BETTACCHI, F.W. EATON, L.K. PARK, J.W. WOLTER
W.R. WRIGHT, J. YANG

REQUEST FOR TECHNICAL SERVICE

RFTS: 76612

GROUP: CPD Manufacturing

COST: \$275.00

DATE: July 30, 1987

SUMMARY AND RESULTS:

Fourteen engineering samples were received from Phoenix, AZ and evaluated for their fiber content.

The results are as shown on the attached Air Sampling Record Sheets.

Marta Canete
Marta Canete

10001732

GRACE

AIR SAMPLING RECORD SHEET

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location Phoenix Arizona

Division CPD

Sampling by Dawn Spawans Date 7/15/87

Contaminant nickel silicate

Weather Partly cloudy

Temperature 105°F

Pressure 30.12" Hg

Housekeeping Very good

RH - 18%

Type of Sampling: Personnel ☒ Engineering ☒

Collection Media

0.8um AA Membrane (boxed c-steng cells)

Pump (type & model) DuPont P-2500

Sample No.	Employee Name & Social Security No.	Personal Protective Equipment	Job Location and Description	Pump No.	CLOCK TIME			Flow Rate	Total Volume Sampled	Final Lab Evaluation
					Off	On	Total			
PH-40	AKEA		MODEL A STONER (PRODUCT)	51	1:35	3:10	95	2.0	190	0.03
PH-41			MODEL A STONER (WASTE ROCK)	59	1:35	3:10	95	2.0	190	1.04
PH-42			D-18 STONER DECK (PRODUCT END)	58	1:30	3:00	90	2.0	180	0.02
PH-43			D-18 STONER DECK (WASTE ROCK)	52	1:30	3:00	90	2.0	180	0.02
PH-44			WASTE ROCK HOPPER (D-B, MODEL A)	51	3:15	4:25	70	2.0	140	0.05
PH-45			MODEL A-BAG HOUSE WASTE DROP	59	3:10	4:10	90	2.0	180	0.04
PH-46			D-18 BAG-HOUSE WASTE DROP	52	3:00	4:50	110	1.5	165	0.03
PH-47			MONOCOTONE BAG-HOUSE WASTE DROP	79	3:05	4:45	80	2.0	160	0.01
PH-48			D-18 Brick conveyor *	51	4:25	5:50	85	2.0	170	Invalid *
PH-49			Model A: short	79	4:35	5:50	80	2.0	160	Invalid *

Additional Comments SHIP: 1pm-9pm ORE: L-3 - MODEL A

Laboratory Evaluation by Marta Gante

L-4 - D-18 (monocotone)

Date July 29, 1987

* Too dusty to read

10001733

* Model A clinking

AIR SAMPLING RECORD SHEET

Pump (type & model) Dupont P-250C

Pump (type & model) Dupont P-250C

1000173A

TOTAL DUST

CONSTRUCTION

Report: 76613
Group: CPD MANUFACTURING

PRODUCTS

Date: JULY 19, 1987

Charge No.: 1174

DIVISION

Requestor: D. SPERANZA

Marketing or Manufacturing Approvals:

Name: L. PARK

Approved: [Signature]

REQUEST FOR TECHNICAL SERVICE

PROBLEM TITLE: Environmental Evaluation -- Air -- Total Dust.

SIGNIFICANCE: The evaluation of workplace air on a periodic basis is necessary to comply with the air sampling section of the OSHA Air Contaminants Standard.

SPECIFIC OBJECTIVE: Determine the Total Dust on the sample and calculate the rate of deposition in mg/M³.

SUGGESTED APPROACH: Analytical Balance -- Filters have been pre-weighed.

DEADLINE (last day information will be of value): Two (2) weeks.

DETAILS OF PROBLEM: PLEASE EVALUATE PERSONNEL TOTAL DUST SAMPLES FROM PHOENIX, AZ
SAMPLE NUMBERS: FHT-33, FHT-34, FHT-37, FHT-38 FHT-39
FHT-41, FHT-44, FHT-45

ACCEPTED BY RESEARCH DEPT.: Charles L. Sauter DATE: 07/21/87

ASSIGNED TO: Marla Canete

ADDITIONAL COPIES: Original to Library;

10001735

R.J. BETTACCHI, F.W. EATON, L.K. PARK, J.W. WOLTER, W.R. WRIGHT
J. YANG

C O N F I D E N T I A L

REQUEST FOR TECHNICAL SERVICE

RFTS: 76613

GROUP: CPD Manufacturing

COST: \$65.00

DATE: July 30, 1987

SUMMARY AND RESULTS:

Eight personnel samples were received from Phoenix, AZ and evaluated for their total dust content.

The results are as shown on the attached Air Sampling Record Sheet.

Marta Canete
Marta Canete

GRACE

AIR SAMPLING RECORD SHEET

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location Phoenix, AZ
 Division CPD
 Sampling by Dawn E. Spangler Date 7/15/87
 Contaminant total dust

Weather partly cloudy
 Temperature 96°F
 Pressure 30.12" Hg
 Housekeeping very good
 RH 49%

Type of Sampling: Personnel ☒ Engineering
 Collection Media Polyurethane
 Pump (type & model) DRP-2800

Sample No.	Employee Name & Social Security No.	Personal Protective Equipment	Job Location and Description	Pump No.	CLOCK TIME			Flow Rate	Total Volume Sampled	Lab Evaluation
					Off	On	Total			
FHT-55	Steve Baldenegro 527-53-5042	3M8710	MONOKOTE MIXER / BAGGER	59	5 ³⁰	7 ⁰⁰	90	2.0	180	4.222
FHT-37	Michael Beaulieu 527-27-8756	3M8710	MONOKOTE MIXER / BAGGER	79	5 ³⁰	7 ⁰⁰	90	2.0	180	17.000
FHT-39	Michael Beaulieu	3M8710	MONOKOTE MIXER / BAGGER	79	7 ⁰⁰	8 ⁰⁰	120	2.0	240	16.125
FHT-41	Steve Baldenegro	3M8710	MONOKOTE MIXER / BAGGER	59	7 ⁰⁰	9 ⁰⁰	120	2.0	240	7.667
FHT-33	Steve Baldenegro	3M8710	MONOKOTE MIXER /	59	9 ⁰⁰	10 ²⁰	80	2.0	160	6.500
FHT-30	Michael Beaulieu	3M8710	MONOKOTE MIXER	79	9 ⁰⁰	10 ²⁵	85	2.0	170	7.765
FHT-45	Steve	3M8710	MONOKOTE MIXER	59	10 ²⁰	12 ¹⁵	115	2.0	230	2.130
FHT-44	Michael	3M8710	MONOKOTE MIXER	79	10 ²⁵	12 ¹⁵	110	2.0	220	13.909

Additional Comments SHEET: Sum - 10n REF: 1-4 -DK
Balance: 7-715, 10-1015 (same) L-3 - Model A
Product: Backup

TEH/PMC/cs SW PRT POSITIONS / HOUR

Laboratory Evaluation by Marta Canete
 Date July 24, 1987
 10001737