PLAINTIFF'S EXHIBIT WRG-1230

TOTAL DUST

CONSTRUCTION

PRODUCTS

DIVISION

Report: 76046
Group: BPD Manufacturing
Date: 3 July 1984
Charge No.: 1174
Requestor: Martha McManus
Marketing or Manufacturing Approvals:
Name: Thomas E. Hamilton
Approved: Thomas E. Hamilton

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/M^3.

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 the Personnel samples from Dearborn, MI sample numbers TP-7 through TP-12

ACCEPTED BY RESEARCH DEPT.: [signature] DATE: 7/5/84

ASSIGNED TO: B. L. Carey

ADDITIONAL COPIES: Original to Library; J.W.Wolter, H.C.Duecker, F.W.Eaton W.R.Wright, P.M.Connor

CONFIDENTIAL

REQUEST FOR TECHNICAL SERVICE

NUMBER: 76046
GROUP: BPD Manufacturing
ACTUAL COST: $55.00
REPORTING DATE: 7/9/84

SUMMARY AND RESULTS:

Six air samples were submitted for their total dust content. The results are as shown on the attached Air Sampling Record Sheet.

Barbara J. O'Leary

Barbara J. O'Leary

BJO/ph

Attachment

10002672

TOTAL DUST

GRACE

AIR SAMPLING RECORD SHEET

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location DEARBORN, MI.
Division CPD
Sampling by MAM Date JUNE 26, 1984
Contaminant TOTAL DUST

Weather SUNNY
Temperature 85° F
Pressure 760 mm Hg
Housekeeping FAIR - POOR

Type of Sampling: Personnel ✓ Engineering ____
Collection Media ____
Pump (type & model) DUPONT P-2500

Sample No.	Employee Name & Social Security No.	Personal Protective Equipment	Job Location and Description	Pump No.	CLOCK TIME Off	CLOCK TIME On	CLOCK TIME Total	Flow Rate	Total Volume Sampled	mg/M3 Lab Evaluation
TP-7	JOHN KIMBLE 418-40-9865	NONE	BAGGING MONOKOTE (INCLUDES 15 MIN. BREAK)	60	11:27	8:20	182	2.0	364	11.319
TP-8	JEFF JOHNSON 370-62-6829	NONE	MIXING MONOKOTE (INCLUDES 15 MIN. BREAK)	56	11:05	8:29	156	2.0	312	30.096
TP-9	JEFF JOHNSON	NONE	MIXING MONOKOTE (INCLUDES 15 MIN. BREAK + 30 MIN. LUNCH)	56	1:06	10:05	181	2.0	362	17.431
TP-10	JOHN KIMBLE	NONE	BAGGING MONOKOTE (INCLUDES 30 MIN. LUNCH)	60	1:07	11:22	105	2.0	210	11.048
TP-11	JEFF JOHNSON	NONE	MIXING MONOKOTE	56	2:26	1:06	80	2.0	160	12.750
TP-12	JOHN KIMBLE	NONE	BAGGING MONOKOTE (INCLUDES 15 MIN BREAK)	60	2:27	1:07	80	2.0	160	13.625
			TOTAL DUST							

Additional Comments FURNACES RUNNING = MODEL A-1 TERRA-LITE (L-2)
D-18 VERMICULITE FOR MONOKOTE
SHIFT = 7-3 (8 HRS) W/ 2 15 MIN. BREAKS + 30 MIN. LUNCH.

Laboratory Evaluation by Barbara J. O'Leary
Date 7/5/84

10002673

TOTAL DUST

CONSTRUCTION

PRODUCTS

DIVISION

Report: 76043
Group: BPD Manufacturing
Date: 3 July 1984
Charge No.: 1174
Requestor: Martha McManus
Marketing or Manufacturing Approvals:
Name: Thomas E. Hamilton
Approved: Thomas E. Hamilton

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/M^3.

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 the Personnel samples from Wilder, KY

sample numbers TP-13 through TP-18

ACCEPTED BY RESEARCH DEPT.: [signature] DATE: 7/5/84

ASSIGNED TO: B. O'Leary

ADDITIONAL COPIES: Original to Library; J.W.Wolter, H.C.Duecker, F.W.Eaton
W.R.Wright, P.M.Connor

CONFIDENTIAL

10002674

REQUEST FOR TECHNICAL SERVICE

NUMBER: 76043
GROUP: BPD Manufacturing
ACTUAL COST: $50.00
REPORTING DATE: 7/9/84

SUMMARY AND RESULTS:

Five air samples were received from Wilder, KY and evaluated for their total dust content.

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

Barbara J. O'Leary

Barbara J. O'Leary

BJO/ph

Attachment

Total Dust

GRACE

AIR SAMPLING RECORD SHEET

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location Wilder, Ky
Division CPD
Sampling by MAM Date
Contaminant TOTAL DUST

Weather Sunny, Humid
Temperature 85° F
Pressure 760 mm Hg
Housekeeping Good

Type of Sampling: Personnel ✓ Engineering
Collection Media
Pump (type & model) DuPont P-2500

Sample No.	Employee Name & Social Security No.	Personal Protective Equipment	Job Location and Description	Pump No.	CLOCK TIME Off	CLOCK TIME On	CLOCK TIME Total	Flow Rate	Total Volume Sampled	mg/M3 Lab Evaluation
TP-13	BILL STADTMILLER 401-32-0371	NONE	MIXING MONOKOTE (ADDING VERMICULITE) INCLUDES 12 MIN. BREAK	45	10^{25}	8^{39}	106	2.0	212	1.226
TP-14	RANDY PRESSER 407-11-5941	↓	BAGGING MONOKOTE (INCLUDES 12 MIN BREAK)	60	10^{27}	8^{37}	110	2.0	220	4.136
* TP-15	BILL STADTMILLER		MIXING MONOKOTE (INCLUDES 30 MIN. ~~BLANK~~ + 12 MIN. BREAK	45	3^{07}	10^{25}	282	2.0	564	3.014
TP-16	RANDY PRESSER		BAGGING MONOKOTE (INCLUDES 30 MIN. LUNCH	60	12^{55}	10^{27}	148	2.0	296	6.014
TP-17	BLANK		NOT USED							—
TP-18	RANDY PRESSER		BAGGING MONOKOTE (INCLUDES 12 MIN. BREAK	60	3^{08}	12^{55}	133	2.0	266	33.271
			TOTAL DUST							

Additional Comments Shift = 8 HRS LESS 54 MIN. BREAKS

Laboratory Evaluation by Barbara J. O'Leary

Date 7/5/84

* BILL SWITCHED TO LOADING ≈ 2:30

10002676