



JUN 28 1984

CONSTRUCTION

Report: 76038

PRODUCTS

Group: BPD Manufacturing

DIVISION

Date: 15 June 1984

Charge No.: 1174

Requestor: Martha McManus

Marketing or Manufacturing Approvals:

Name: Thomas E. Hamilton

Approved: TE 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 Personnel samples from West Chicago

sample numbers TP-1 through TP-6

W.R. Wright
Due to dust is
too high! Concerned about?
② Feb 6/28/84

unusual situation. M is
higher dust batched & higher
& elev. employed.
W.R.W.

ACCEPTED BY RESEARCH DEPT.: R.C. Howard / S.C. Yang DATE: 6-18-84

ASSIGNED TO: B. O'Leary

ADDITIONAL COPIES: Original to Library; J.W. Wolter, H.C. Duecker, F.W. Eaton
W.R. Wright, T.E. Hamilton

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

10002677

PAGE 2

REQUEST FOR TECHNICAL SERVICE

NUMBER: 76038
GROUP: BPD Manufacturing
ACTUAL COST: \$60.00
REPORTING DATE: 6/26/84

SUMMARY AND RESULTS:

Six air samples from West Chicago were submitted for 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

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AIR SAMPLING RECORD SHEET

HEALTH, SAFETY & TOXICOLOGY DEPT.

Plant Location	<u>WEST CHICAGO</u>	
Division	<u>CPD</u>	
Sampling by	<u>PMC + MAN</u>	
Contaminant	Date	<u>JUNE 13, 84</u>
TOTAL		<u>QUST</u>

Weather FAIR, HUMID
 Temperature 85°-95° F
 Pressure 760 mm Hg
 Housekeeping Good

Type of Sampling: Personnel ☒ Engineering _____
Collection Media POLYCARBONATE MEMBRANE
Pump (type & model) DPONT 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	mg/m ³ Lab Evaluation
					Off	On	Total			
TP-1	OTIS CLEMMER JR. -- 340-62-3391	3-M 8710	MONOCORE MIXER (INCLUDES 10 MIN. BREAK)	45	11:46	7:35	251	2.0	502	23.725
TP-2	JULIEN DEL REAL -- 348-66-9867	NONE	SOIL LINE OPERATOR (INCLUDES 10 MIN. BREAK)	59	11:43	7:41	223	2.0	446	1.121
TP-3	ROBERT CLEMMER -- 328-64-0492	NONE	SOIL LINE BAGGING & MIXING (INCLUDES 10 MIN. BREAK)	58	11:44	7:42	242	2.0	484	8.760
TP-4	JULIEN DEL REAL --	NONE	SAME AS TP-2 (INCLUDES 30 MIN. LUNCH AND 10 MIN. BREAK)	59	3:03	11:43	200	2.0	400	0.725
TP-5	ROBERT CLEMMER --	NONE	SAME AS TP-3 (INCLUDES 30 MIN. LUNCH AND 10 MIN. BREAK)	58	3:00	11:41	196	2.0	392	3.010
TP-6	OTIS CLEMMER JR. --	3M-8710	SAME AS TP-1 (INCLUDES 30 MIN. LUNCH AND 10 MIN. BREAK)	45	3:01	11:46	195	2.0	390	3.179
			TOTAL DUST							
			PERSONNEL SAMPLE							

Additional Comments

Running (L-4) Masonry

SARFS = 7-3 8 hrs w/ 30. miles LUNCH + 2 10 min. SLEEPERS

Laboratory Evaluation by B. J. O'Leary
Date 6/25/84

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