

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO J. Fath
FROM W.C. Champion
SUBJECT VCM Personal Monitoring

AT Piscataway
AT Burlington

DATE July 8, 1975

COPY TO G.I. Rozand
P.R. Scarito - Burl. Data
J.T. Sweeney - Flem. Data
F. Toca
File

Attached are the VCM personal monitoring results for the Flemington and Burlington Resin Plants and the Burlington Compound Plant, by job classification, for the month of June, 1975.

Values are presented using two techniques:

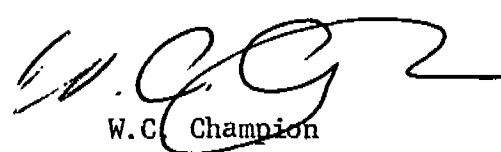
1. "Ceiling" exposure values, using 15-minute sampling with charcoal tubes.
2. Eight-hour time-weighted averages, generated by averaging the values obtained in successive 1-1/2 hour sampling for an eight-hour work shift.

For the 15-minute ceiling values, there were no exposures measured greater than 10 ppm in any of the plant locations during the month.

It should be noted that the Compound Plant showed some unusually high results in 15-minute sampling - 4.1, 4.3 and 4.3 ppm. An analysis of possible causes for these results is covered in a separate report. Since these are 15-minute values (with an OSHA maximum of 5 ppm), and since all eight-hour TWA results during the month, including both those reported here and those computed from the Bendix results, are well under the OSHA maximum of 1 ppm, there is no need to establish a regulated area in the Compound Plant.

Attachments

WCC/jst


W.C. Champion

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Distribution:
W.C. Champion
G.I. Rozand
J.T. Sweeney
Q.C. File

FLEMINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

PPM VCM BY CHARCOAL TUBE METHOD
(15-Minute Sampling Period)

PERIOD: June 1975 & Quarterly

Job Classification:

RESIN PLANT

Shift Foreman	1.3,
Polymerization Foreman	0.6, 0.6
Reactor Operator	0.6, 0.6
Utility Operator	0.9, 1.2
Dryer Operator	0.7, 0.2

WAREHOUSE

Warehouse Foreman	0.7, 0.1
Warehouseman	0.1, 0.4, ND, ND
Bagger	

MAINTENANCE

Maintenance Foreman	0.3
Maintenance Clerk	0.4
Mechanic	0.3, 0.2, 0.4

Q. C. LAB

Q. C. Lab Supervisor	0.1
Q. C. Technician/Days	0.5
Q. C. Technician/Shift	0.3, 0.2, 0.1, 0.7
Monitoring Analyst	0.1, 0.2

BOILER HOUSE

Boiler Lead Operator	0.2
Boiler Operator	ND, ND, 0.2, ND

R.A.L.
4/29/75

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PILOT PLANT

<u>Pilot Plant Group Leader</u>	0.4
<u>Pilot Plant Engineer</u>	0.2, 0.3
<u>Pilot Plant Technician</u>	1.1, 0.3, 0.2
<u>Pilot Plant Maintenance</u>	0.4

QUARTERLY

R. & D. Personnel 31 N.D.'s , 0.3, 0.1, 0.3, 0.7, 0.2, and 0.2

QUARTERLY

Office Personnel 6 N.D.'s, 0.7, 0.2, 0.4, 0.3, and 0.4

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PLANT Flemington
WEEK OF June, 1975

[illegible]

F.W. Kanzler
Revised 12/10/74

FLEMINGTON EIGHT-HOUR CHARCOAL TUBE TWA BY JOB DESCRIPTION

JUNE, 1975

<u>Job Classification</u>	<u>TWA</u>
Maintenance Clerk	0.1
Effluent Man	ND
Pilot Plant Engineer	0.1
Pilot Plant Technician	0.2
Pilot Plant Maintenance Technician	0.1
Pilot Plant Technologist	0.1
Pilot Plant Group Leader	0.1
Shift Foreman	0.1
Maintenance Foreman	0.1
Mechanic - day	1.1
Mechanic - shift	0.4
Dryer Operator	ND
Warehouse Supervisor	0.1
Warehouseman	0.2
Bagger	0.2
Lead Boiler Operator	0.1
Boiler Operator	ND
Quality Control Technician - day	ND
Quality Control Technician - shift	ND
Quality Control Supervisor	ND
Polyforeman	2.6
Reactor Operator - relief	0.6
Reactor Operator - charging	0.9
Reactor Operator - dumping	1.1
Utility Operator	0.4

R. A. Lojewski
7/2/75

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