

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

TO	J.F. Kilcullen	AT	Piscataway	DATE	November 4, 1974
FROM	W.C. Champion	AT	Burlington	COPY TO	G.I. Rozand P.R. Scarito - Burl. D. J.T. Sweeney - Flem. D. File
SUBJECT	VCM Personal Monitoring				

Attached are the VCM personal monitoring exposure values for Flemington and Burlington by job classification through the week of October 14, 1974.

W.C. Champion
(jt)
W.C. Champion

Attachments.

WCC/jst

012969

FLEMINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of <u>10-6/10-12-74</u>	Week Of <u>10-13/10-19-74</u>	Week Of
<u>Shift Foreman</u>	<u>1.1, 1.6, 1.6, 11.4, 2.5</u>	<u>9.7, 3.1, 9.9,</u>	
<u>Polymerization Foreman</u>	<u>12.5, Nd, 1.2</u>	<u>2.4, 7.2, ND, 3.0</u>	
<u>Reactor Operator</u>	<u>6.5, Nd, 0.3, 5.6, 2.2, Nd, 7.3, 0.1, Nd, 0.7</u>	<u>ND, 3.0, 5.3, 3.1 6.7, 6.2, 2.3, 3.3, 4.5, ND</u>	
<u>Utility Operator</u>	<u>0.7, 3.1, 0.1, 1.3, 1.8, 0.3, 0.6</u>	<u>4.6, 3.2, 1.0, 0.2, 1.4, 2.0</u>	
<u>Dryer Operator</u>	<u>3.4, Nd, 5.4, 1.6</u>	<u>11.2, 18.6, ND, 2.4</u>	
<u>Warehouse Foreman</u>	<u>Nd, 3.0,</u>	<u>ND, 0.3</u>	
<u>Warehouseman</u>	<u>1.8, 4.0, 2.1, 1.9</u>	<u>10.3, 14.1, 20.3</u>	
<u>Bagger</u>	<u>4.3, 1.5, 6.7,</u>	<u>67.7, 83.4, 80.4</u>	← USING BREATH- MR
<u>Maintenance Foreman</u>	<u>0.7, 0.3,</u>	<u>9.1</u>	

Paul Ruane 10-23-74

Ray Joseph

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of <u>10-6/10-12-74</u>	Week Of <u>10-13/10-19-74</u>	Week Of
Maintenance Clerk	0.3	14.2	
Mechanic	0.3, 0.3, 0.4, 3.9, 0.6, 0.04, 6.5, 0.8, 2.1, 0.4, 0.5	0.6, 7.4 2.6, 1.6, 2.0, ND, 1.2, 3.5	
QC Lab Supervisor	4.3	2.7	
QC Technician/Days	1.7	9.8	
QC Technician/Shift	Nd, Nd, 2.3, 0.7	11.0, 6.8, ND, 1.4	
Monitoring Analyst	9.8	-	
Boiler Lead Operator	3.7	0.6	
Boiler Operator	0.6, Nd, 1.5	3.9, 0.8, ND	
Pilot Plant Group Leader	0.1	2.2	
Pilot Plant Engineer	0.2, 1.8	0.4, 1.0	

Paul Ruane 10-23-74

Ray Jozewski
Institution

012371

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of <i>10-6/10-12-74</i>	Week Of <i>10-13/10-19-74</i>	Week Of
<u>Pilot Plant Technician</u>	<i>0.3, 0.6, 0.3, 0.7, 1.1, Nd</i>	<i>0.4, 1.8, 1.4, 1.2, 0.7</i>	
<u>Pilot Plant Maintenance</u>	<i>0.7, 4.0</i>	<i>1.1, 1.8</i>	

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Month Of
<u>Management & Office Personnel</u>	
<u>R&D Personnel</u>	

012372

Paul Ruane 10-23-74

Ray Lojewski
10/24/74

R.A. Lojewski
9/11/74

BURLINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

Personnel Exposure, ppm VCM

JOB CLASSIFICATION

Suspension:

Area Foreman

Week Of 10/7

Week Of 10/14

Week Of

1.8, 6.8

60.6, 23, 5.1

Homopolymer Reactor Operator

6.7

15.5, 6.6

3.4, 5.1, 4.6, 5.5, 1.4, 5.3

8.2, 6.7, 3.6, 1.5, 8.9,

Copolymer Reactor Operator

5.6, 5.7, 8.0, 1.5, 18, 18,

53.8

3.5, 7.8, 8.2, 5.6, 5.6

Dryer Operator

6.2, 4.8, 0.3, 5.6

26.6, 1.5, 4.4, 30

Bagger/Cleaner

1.2

1.2, 49.1, 0.8

0.4, 3.8, 2.9, 3.3, 11.3, 6.4

1.3, 4.4, 2.3, 3.2, 3.2

Plastisol:

Area Foreman

1.2, 12.8, 12, 25

31.7, 28, 63.2, 34

Shift Foreman

17.1, 0.8, 1.3, 1.0

0.8, 1.3, 0.3

Power Operator

22

29.5, 26, 32, 37, 4.0

58, 12.0, 7.5, 19, 39, 19

42.4, 194.4, 69.1, 28.9, 74

83.4, 17.5, 34.4, 40.0, 31

22.5, 27.6, 25.7, 35.6

012973

Personnel Exposure, ppm VCM

JOB CLASSIFICATION

Plastisol (cont'd):

Labor Pool

Bagger

Atomizer Dryer Operator

Additive Dryer Operator

Laboratory:

QC Lab Supervisor

Analytical Chemist

Colorist

QC Technician/Days

QC Technician/Shift

Week Of 10/7

Week Of 10/14

Week Of

2.4, 3.5

0.5, 0.7, 3.0, 9.4, 0.7, 4.1

6.8, 1.4, 0.9, 5.2, 1.3, 4.0

3.3, 0.6, 2.6, 3.8, 1.6, 3.6

0.9, 1.7, 10.8, 11, 5.7, 24.3

2.5, 1.3, 3.9, 4.2

12.7, 0.6, 4.0, 30, 23,

18.2, 6.3, 3.5, 32, 2.0,

8.5, 4.1, 1.9, 3.9, 48.2, 18

6.4, 28.5, 31.1, 35.0, 27.0

6.3, 1.3, 1.7

1.5, 5.2, 1.4, 4.3, 2.9, 3.9

17.4, 0.7, 1.1, 0.5

13.6, 2.8, 2.6, 3.6, 1.3, 2.2

2.1, 2.0, 2.2, 0.9

2.6, 1.2, 0.4

0.5, 1.6, 2.8

1.1, 0.4,

N.O.

0.2

N.O., N.O.

0.6, 0.4

N.O.

N.O.

15.5

0.6

0.9, 0.4, 3.5, 1.2, 0.3, 0.2

4.1, 0.5

0.6, 1.0, 16.4, 0.5, 52

012374

JOB CLASSIFICATION

Laboratory (cont'd):

Monitoring Analyst

Week Of 10/7

2.6, 42

Week Of 10/14

25, 51

Week Of

Maintenance:

Maintenance Supervisor

13

0.9

Maintenance Foreman

5.6, 1.1, 0.5, 1.5

34.0, 62, 0.6, N.D.

Mechanic/Shift

0.1, 0.2, 9.0, 2.0, 0.1
2.3, 0.4, 1.1, 2.5, 12, 36
5.2, 0.8, 1.7, 1.4, 1.1, 0.817, 0.7, 16, N.D, 0.5, 3.1
1.4, 27.0, 0.5, 13.8, 0.3
0.5, 0.4, 1.9, 3.2, 0.9

Mechanic/Days

17, 9.5
0.2, 0.3, N.D, 8.9, 6.2, 9.60.6
24.5, 14.9, 55.1, 0.5
33.9, 0.5, 15.2, 0.7, 0.3

Warehouse & Miscellaneous:

Warehouse Supervisor

N.D.

0.4

Warehouse Shipping Clerk

N.D.

0.5

Warehouse Receiving Clerk

N.D.

17.0

Warehouseman

11, 0.5, 11

19.6, 0.3, 0.3, 0.4

Effluent Plant Operator

0.5, 4.5, 0.4, 0.2

0.4, 38.6, 23, 41

OR CLASSIFICATION

Personnel Exposure, ppm VCM

Warehouse & Miscellaneous (cont'd):

Boiler Operator

Lead Operator

Utility Man

Yard Man & Service Man

Week Of 10/7	Week Of	Week Of
1.0, 0.9, 4.4	1.0, 0.3, 22.4, 0.5	
0.3 0.9, 1.4, 1.0, 4.2, 0.9, 5.2	20.5, 0.6, 0.3 16.4, 19.4, 17.9, 0.4, 7.0	
N.D, 0.1	56, 27	

Personnel Exposure, ppm VCM

Office Staff:

Month Of
0.5, 32, 1.8, N.D, N.D. 4.6, N.D, 2.3, 0.4, 0.6, 0.1 1.0, 1.0, 1.1, 1.2, N.D, 0.9, 1.8, 0.9, 1.4, N.D, 0.7, N.D, N.D, N.D, 1.2

012973

F.W. Kanzler
9/11/74

VCM PERSONAL MONITORING

EXPOSURES 1.0 PPM AND OVER

PLANT BURLINGTON

WEEK OF 10/14/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
BRESLOVE	LABOR POOL	10-14-74	CLEANING UNDER TOWERS "B" PLT	27.0	
WONDERLIN	DRYER OPERATOR	10-14-74	DRYER AREA, PUC PUMP HSE. COP BLDG	30.	
STRANG	EFFLUENT OPERATOR	10-14-74	PLAST. PALLETISING + WHSE AREA	23	
CORNIGNI	MECHANIC	10-14-74	REACTOR BLDG.	13.8	
HUNT	AREA FOREMAN	10-14-74	REACTOR BLDG + RECOVERY AREA	23	
BOITNOTT	MECHANIC	10-14-74	COP COMPRESSOR AREA	17	
NAVARRO	LABOR POOL	10-14-74	PALLETISING AREA	23	
NEELY	LABOR POOL	10-14-74	COP RECOVERY AREA	12.7	
PALASCHAK	TOWER OPERATOR	10-15-74	PLAST. 2nd + 3rd FL. "B" PLT.	35.6	
WEAVER	TOWER OPERATOR	10-15-74	PLAST. PANEL BD. "B" PLT.	22.5	
DYSON	TOWER OPERATOR	10-15-74	PLAST. "B" PLT.	25.7	
HOFFMAN, W.	TOWER OPERATOR	10-15-74	PLAST. A+B PLT.	27.6	
PATTERSON	AREA FOREMAN	10-15-74	PLAST. A+B PLT.	31.7	
WOOD	UTILITY OPERATOR	10-15-74	PLAST. 3rd FL. A+B PLT.	16.4	
NEAL	LABOR POOL	10-15-74	PLAST. PANEL BD. "B" PLT.	35.0	
BERSCHMITT	LABOR POOL	10-15-74	PUC PALLETISING	18.2	
EARLY	AREA FOREMAN	10-15-74	COP REACTORS + PUC	60.6	
OGAZALEK	DRYER OPERATOR	10-15-74	DRYER AREA	26.0	
LUM	UTILITY OPERATOR	10-15-74	DRYER AREA	19.4	
KYDER	LABOR POOL	10-15-74	PLAST. PALLETISING + MAINT.	28.5	
TEAGUE	BAGGER	10-15-74	PLAST. BAGGING	13.6	
MURPHY	EFFLUENT OPERATOR	10-15-74	EFF. LABT PLT.	38.6	
WALLACE	LABOR POOL	10-16-74	PUC PALLETISING	31.1	
DISHAROUN	Q.C. TECHNICIAN	10-16-74	Q.C. LAB	16.4	
FRECK	UTILITY OPERATOR	10-16-74	COP REACTOR GRD FL.	17.0	
REGN	TOWER OPERATOR	10-16-74	PLAST. PANEL BD. "B" PLT.	42.4	
HARKER	TOWER OPERATOR	10-16-74	PLAST. PANEL BD. "B" PLT.	69.1	

12977

VCM PERSONAL MONITORING
EXPOSURES 1.0 PPM AND OVER

PLANT BURLINGTON

WEEK OF 10/14/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
C. LYDE	TOWER OPERATOR	10-16-74	PLAST. PANEL BD. "B" PLT.	194.4	
LINDSEY	TOWER OPERATOR	10-16-74	PLAST. PANEL BD. "B" PLT.	28.9	
SCHMIERER	MECHANIC	10-16-74	MAINT. SHOP	27.0	
TOMASZEWSKI	AREA FOREMAN	10-16-74	PLAST. PANEL BD. "B" PLT.	28	
BUSHNELL	FOREMAN-MAINT.	10-16-74	MAINT. SHOP	62	
YANNARELLA	UTILITY OPERATOR	10-16-74	FOREMAN'S OFFICE	20.5	
TINNICK	LABOR POOL	10-16-74	BREAK AREA	32	
MURPHY	YARD + SERVICE	10-16-74	SHIPPING OFFICE	27	
PINTO	YARD + SERVICE	10-16-74	MAINT. SHOP	56	
LAW	MONITORING ANALYST	10-16-74	PLAST. A+B PLT.	25	
SENTILINI	LAB TECHNICIAN	10-16-74	Q.C. LAB	15.5	
LORD	WAREHOUSEMAN	10-16-74	WAREHOUSE	19.6	
THROCKMORTON	MAINT. CLERK	10-16-74	MAINT. OFFICE	55.1	
MCDANIELS	MECHANIC	10-16-74	MAINT. SHOP	15.2	
TRAUGER	RECEIVING CLERK	10-16-74	RECEIVING OFFICE	17.0	
LONCOSKY	MECHANIC	10-16-74	MAINT. SHOP	24.5	
GROVER	LABOR POOL	10-17-74	BREAK AREA	48.2	
SHIVERS	LABOR POOL	10-17-74	BREAK AREA	18	
HALL	Q.C. TECHNICIAN	10-17-74	Q.C. LAB	52	
VITUSKA	BAGGER	10-17-74	PLAST. PALLETISING	17.4	
ESPENSCHIED	REACTOR OPERATOR	10-17-74	PUC REACTOR ROOM	15.5	
PHILLIPS	REACTOR OPERATOR	10-17-74	COP REACTOR ROOM	53.8	
BROWN	EFFLUENT OPERATOR	10-17-74	EFFLUENT LAB	41	
SIMPSON	MECHANIC	10-17-74	MAINT. SHOP	16	
MAVER	MECHANIC	10-17-74	MAINT. SHOP	33.9	
BOZARTH	MECHANIC	10-17-74	MAINT. SHOP	14.9	
THOMPSON	BOILER OPERATOR	10-18-74	BOILER HOUSE	22.4	

012978

EXPOSURES 1 PPM AND OVER

WEEK OF 10/14/74

[illegible]

012979

VCM PERSONAL MONITORING
EXPOSURES 10 PPM AND OVER

PLANT BURLINGTON

WEEK OF 10/7/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
WARNE	MECHANIC	10-7-74	PLAST. #2 FILTER	36	
BOWLING	TOWER OPERATOR	10-7-74	PLAST. PANEL BD. A+B PLT	19	
TUDOR	AREA FOREMAN	10-7-74	PLAST. PANEL BD. "B" PLT	12	
BOITNOTT	MECHANIC	10-7-74	PLAST. 3rd FLOOR	12	
MILLER	TOWER OPERATOR	10-7-74	PLAST. 3rd FL. A+B PLT	12	
RYDER	LABOR POOL	10-7-74	BIRD WATCHING R#17	10.8	
HOFFMAN W.	TOWER OPERATOR	10-7-74	PLAST. PANEL BD. B PLT	17.5	
ROBINSON G.	BAGGER CLEANER	10-8-74	PUC REACTOR ROOM	11.3	
ESPENSCHIED	REACTOR OPERATOR	10-8-74	CoP REACTOR ROOM	18	
McFADEN R.	REACTOR OPERATOR	10-8-74	CoP REACTOR ROOM	18	
TOMASZEWSKI	AREA FOREMAN	10-9-74	PLAST. PLT. A+B PLT	12.8	
LINSEY	TOWER OPERATOR	10-9-74	PLAST. PANEL BD. "B" PLT	58.	
HARKER	TOWER OPERATOR	10-9-74	PLAST. PANEL BD. B PLT	31	
ROCKHILL W	LABOR POOL	10-9-74	PLAST. PANEL BD. B PLT	26	
PALASCHAK	TOWER OPERATOR	10-10-74	PLAST. PANEL BD. B PLT	40	
DERRICK	ADDITIVE DRYER OPER	10-10-74	ARDO Bldg.	16	
HIRSCLEIN	AREA FOREMAN	10-10-74	PLAST. PANEL BD. B PLT	25	
BOREL	TOWER OPERATOR	10-10-74	PLAST. 3rd FL. A+B PLT	19	
SIMPKINS	TOWER OPERATOR	10-10-74	PLAST. PANEL BD. B PLT	39	
CANTBURY	TOWER OPERATOR	10-10-74	PLAST. 3rd FL. A+B PLT	22	
WALLACE	LABOR POOL	10-10-74	PLAST. PALLETISING	11	
BRESLOVE	LABOR POOL	10-11-74	PLAST. GRD FL. A PLT	24.3	
CURTIS	SHIFT FOREMAN	10-10-74	FOREMAN'S OFFICE	17.1	
WEAVER	TOWER OPERATOR	10-10-74	PLAST. PANEL BD. B PLT	83.4	
KARASKA	MONITORING ANALYST	10-11-74	PLAST. PANEL BD. B PLT	42	
FUHS	WAREHOUSE MAN	10-9-74	WAREHOUSE	11	
LORD	WAREHOUSE MAN	10-9-74	WAREHOUSE	11	

012000

EXPOSURES 10 PM AND OVER

WEEK OF 10/7/74

[illegible]

012331

BURLINGTON COMPOUND PLANT PERSONNEL MONITORING SUMMARY

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Month Of <u>OCTOBER</u>
<u>Office Staff</u>	<u>ND, ND, ND, ND, ND, ND, ND</u>
<u>Utility Service/Days</u>	<u>ND, ND, ND, ND</u>
<u>Utility Service/Shift</u>	<u>N.D., N.D., N.D., N.D.</u>
<u>Quality Control/Days</u>	<u>ND, ND</u>
<u>Quality Control/Shift</u>	<u>ND, ND, ND, N.D.</u>
<u>Mechanic/Days</u>	<u>ND, ND</u>
<u>Mechanic/Shift</u>	<u>ND, ND, ND, N.D.</u>
<u>Shortweight Man</u>	<u>ND</u>
<u>Warehouseman</u>	<u>ND, ND, ND, ND</u>

012382

JOB CLASSIFICATIONPersonnel Exposure, ppm VCM

	Month Of
<u>Line Operator</u>	N.D., NO, N.D., N.D.
<u>Mixer Operator</u>	NO, NO, N.D., 2.3
<u>Mill Operator</u>	NO, NO, NO, N.D.
<u>Bagger Operator</u>	NO, NO, N.D.
<u>Foreman</u>	NO, NO, N.D., N.D.
<u>Bag Slitter</u>	

012933