

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

TO J.F. Kilcullen AT Piscataway DATE November 11, 1974
FROM W.C. Champion AT Burlington COPY TO G.I. Rozand
SUBJECT VCM Personal Monitoring P.R. Scarito - Burl. Data
J.T. Sweeney - Flem. Data
File

Attached are the VCM personal monitoring exposure values for Fleming-
ton and Burlington by job classification through the week of October
21, 1974.

W.C. Champion
(JK)
W.C. Champion

Attachments.

WCC/jst

FLEMINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

<u>JOB CLASSIFICATION</u>	<u>Personnel Exposure, ppm VCM</u>		
	Week Of <u>10-6/10-12-74</u>	Week Of <u>10-13/10-19-74</u>	Week Of <u>10-20/10-26-74</u>
<u>Shift Foreman</u>	1.1, 1.6, 1.6, 11.4, 2.5	9.7, 3.1, 9.9,	7.9, Nd, Nd, Nd
<u>Polymerization Foreman</u>	12.5, Nd, 1.2	2.4, 7.2, ND, 3.0	5.5, 22.7, 6.5, 0.2
<u>Reactor Operator</u>	6.5, Nd, 0.3, 5.6, 2.2, Nd, 7.3, 0.1, Nd, 0.7	ND, 3.0, 5.3, 3.1 6.7, 6.2, 2.3, 3.3, 4.5, ND	15.7, 3.8, 6.6 Nd, 6.3, 4.3, 0.4, 8.9, 0.6, 10.2
<u>Utility Operator</u>	0.7, 3.1, 0.1, 1.3, 1.8, 0.3, 0.6	4.6, 3.2, 1.0, 0.2, 1.4, 2.0	0.2 6.5, 7.6, 7.1, 0.3, 3.8, Nd, 7.2
<u>Dryer Operator</u>	3.4, Nd, 5.4, 1.6	11.2, 18.6, ND, 2.4	14.5, 0.4, 2.0, 3.1
<u>Warehouse Foreman</u>	Nd, 3.0,	ND, 0.3	Nd,
<u>Warehouseman</u>	1.8, 4.0, 2.1, 1.9	10.3, 14.1, 20.3	Nd, Nd,
<u>Bagger</u>	4.3, 1.5, 6.7,	6.7, 7.8, 3.4, 80.4	Nd, Nd.
<u>Maintenance Foreman</u>	0.7, 0.3,	9.1	Nd,

Paul Ruane 10-23-74

Ray Rozewski
10/24/74

COLORITE 013127

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of 10-6 / 10-12-74	Week Of 10-13 / 10-19-74	Week Of 10-20 / 10-26-74
Maintenance Clerk	0.3	14.2	Nd
Mechanic	0.3, 0.3, 0.9, 3.9 0.6, Nd, 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	Nd, 18.8, Nd, Nd Nd, 5.5, Nd, 1.6, Nd, 14.9, Nd
QC Lab Supervisor	4.3	2.7	Nd
QC Technician/Days	1.7	9.8	1.9
QC Technician/Shift	Nd, 2.3, Nd, 0.7	11.0, 6.8, Nd, 1.4	Nd, 1.1, Nd, 5.6
Monitoring Analyst	9.8	-	Nd
Boiler Lead Operator	3.7	0.6	Nd
Boiler Operator	0.6, Nd, 1.5	3.9, Nd, 0.8	2.3, 0.4, 0.3, Nd
Pilot Plant Group Leader	0.1	2.2	-
Pilot Plant Engineer	0.2, 1.8	0.4, 1.0	Nd, Nd

COLORITE 013128

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of 10-6/10-12-74	Week Of 10-13/10-19-74	Week Of 10-20/10-26-74
Pilot Plant Technician	0.3, 0.6, 0.3, 0.7, 1.1, Nd	0.4, 1.8, 1.4, 1.2, 0.7	1.6, 0.1, Nd, 0.8, Nd, Nd
Pilot Plant Maintenance	0.7, 4.0	1.1, 1.8	Nd, 0.7

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Month Of OCTOBER, 1974
Management & Office Personnel	
R&D Personnel	

COLORITE 013129

R.A. Lojewski
9/11/74

EXPOSURES 10 PPM AND OVER

PLANT FLEMINGTON

WEEK OF 10-13/10-19-74

[illegible]

COLORITE 013130

F.W. Kanzler
Revised 9/24/74

9. What is the purpose of the study?

PLANT FLEMINGTON

WEEK OF 10-20/10-26-74

[illegible]

F.W. Kanzler
Revised 9/24/74

COLORTTE 013131

BURLINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

Suspension:

	Week Of 10/7	Week Of 10/14	Week Of 10/21
Area Foreman	1.8, 6.8	60.6, 23, 5.1	2.4, 0.7, 9.7
Homopolymer Reactor Operator	6.7 3.4, 5.1, 4.6, 5.5, 1.4, 5.3	15.5, 6.6 8.2, 6.7, 3.6, 1.5, 8.9,	28.4, 12 18, 47.0, 26, 26.8, 4.9, 18.4
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	12, 9.2, 11.0, 5/4.1
Dryer Operator	6.2, 4.8, 0.3, 5.6	26.6, 1.5, 4.4, 30	19.6, 0.6, 63.5, 1.4
Bagger/Cleaner	1.2 0.4, 3.8, 2.9, 3.3, 11.3, 6.4	1.2, 49.1, 0.8 1.3, 4.4, 2.3, 3.2, 3.2	42.9 27.6, 14, 0.1, 2.3, 0.8, 3.4
<u>Plastisol:</u>			
Area Foreman	1.2, 12.8, 12, 25	31.7, 28, 63.2, 34	19, 1.0, 0.8, 28.1
Shift Foreman	17.1, 0.8, 1.3, 1.0	0.8, 1.3, 0.3	1.3, 15.3, 0.5, 0.2
Tower Operator	22 58, 12.0, 7.5, 19, 39, 19 83.4, 17.5, 34.4, 40.0, 31	29.5, 26, 32, 37, 4.0 42.4, 194.4, 69.1, 22.9, 74 22.5, 27.6, 25.7, 35.6	62.6, 13, N.O, 12 20.0, 9.4, 28.3, 66.6, 12 22, 18, 24, 36, 8.9, 12.3

COLORITE 013132

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

Plastisol (cont'd):

	Week Of 10/7	Week Of 10/14	Week Of 10/21
Labor Pool	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	35, 1.0, 8.4, 1.3, 0.5 23.8, 0.9, 32.9, 1.4, 0.3 0.3, 7.4, 37.8, 1.4, 1.8 1.6, 0.4, 1.9, 40.7, 33, 2.
Bagger	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	0.8, 2.4, 0.4, 0.4, 1.2 22.9, 28, 1.7, 1.7, 6.6
Atomizer Dryer Operator	2.1, 2.0, 2.2, 0.9	2.6, 1.2, 0.4	14, 0.8,
Additive Dryer Operator	0.5, 1.6, 2.8	1.1, 0.4,	9.8, 0.3, 1.5
Laboratory:			
QC Lab Supervisor	N.O.	0.2	
Analytical Chemist	N.O., N.O.	0.6, 0.4	0.6
Colorist	N.O.		0.7
QC Technician/Days	N.O.	15.5	0.8
QC Technician/Shift	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	19.0, 0.8 0.3, 14, 19, 0.3, 0.9, 19

COLORITE 013133

Personnel Exposure, ppm VCM

JOB CLASSIFICATION

	Week Of 10/7	Week Of 10/14	Week Of 10/21
Laboratory (cont'd):			
Monitoring Analyst	2.6, 42	25, 51	20, 29.4
Maintenance:			
Maintenance Supervisor	13	0.9	42
Maintenance Foreman	5.6, 1.1, 0.5, 1.5	34.0, 62, 0.6, N.D.	0.7, 0.2, 5.4, 1.2
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, 0.8	17, 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	1.5, 53, 178.6, 152.6 0.3, 17, 21, 2.9, 190, 0.3 0.4, 9.2, 70, 0.4, 0.4, 0.4
Mechanic/Days	17, 9.5 0.2, 0.3, N.D, 8.9, 6.2, 9.6	0.6 24.5, 14.9, 55.1, 0.5 33.9, 0.5, 15.2, 0.7, 0.3	22.6, 69.5, 16.9, 0.2 37, 5.6, 56.9, 56.2, 41.2
Warehouse & Miscellaneous:			
Warehouse Supervisor	N.D.	0.4	10.4
Warehouse Shipping Clerk	N.D.	0.5	0.6
Warehouse Receiving Clerk	N.D.	17.0	26.0
Warehouseman	11, 0.5, 11	19.6, 0.3, 0.3, 0.4	28.0, 0.4, 0.5
Effluent Plant Operator	0.5, 4.5, 0.4, 0.2	0.4, 38.6, 23, 41	8.2, 0.5, 4.1, 29.2

COLORITE 013134

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

Warehouse & Miscellaneous (cont'd):

	Week Of 10/7	Week Of 10/14	Week Of 10/21
Boiler Operator	1.0, 0.9, 4.4	1.0, 0.3, 22.4, 0.5	0.1, 18, 58.4
Lead Operator			
Utility Man	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	35.5 3.8, 2.8, 0.8, 0.3, 24
Yard Man & Service Man	N.D, 0.1	56, 27	44.6, 40

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, 4.0, 1.2

F.W. Kanzler
9/11/74

COLORITE 013135

FOR PERSONNEL MONITORING

EXPOSURES 10 PPM AND OVER

PLANT BURLINGTON

WEEK OF 10/21/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
BROVER	LABOR POOL	10-21-74	MAINT AREA	37.8	
RAYMOND	REACTOR OPERATOR	10-21-74	PUC REACTOR ROOM	10	
JAMES	REACTOR OPERATOR	10-21-74	PUC REACTOR ROOM	26	
STREET	UTILITY OPERATOR	10-21-74	FOREMAN'S OFFICE	24	
PHILLIPS	REACTOR OPERATOR	10-21-74	PUC REACTOR ROOM	12	
SIMPSON	MECHANIC	10-21-74	COP COMPRESSORS	190	
PRIMERANO	MECHANIC	10-21-74	COP COMPRESSORS	53	
McFADDEN R.	REACTOR OPERATOR	10-21-74	PUC REACTOR ROOM	28.4	
HARRKINS	UTILITY OPERATOR	10-21-74	BREAK AREA (M)	35.5	
WOTCIK	REACTOR OPERATOR	10-21-74	COP REACTOR ROOM	14.1	
PLANT	MECHANIC	10-21-74	COP COMPRESSORS	178.6	
CROFF	MECHANIC	10-21-74	WORKING ON COP COMPRESSORS	152.6	
ESPERNSCHIED	REACTOR OPERATOR	10-21-74	PUC REACTOR ROOM	18.4	
WUNDER	SHIFT FOREMAN	10-21-74	FOREMAN'S OFFICE	15.3	
SHEMELY	REACTOR OPERATOR	10-22-74	PUC REACTOR ROOM	47.6	
OGAZALEK	DRYER OPERATOR	10-23-74	DRYER ROOM	19.6	
WOODS	MECHANIC	10-22-74	PLAST. "B" PLT. STRIPPER #5	70	
STECKER	LAB TECH	10-22-74	O.C LAB	14	
HOFFMAN, W.	TOWER OPERATOR	10-22-74	PLAST. "B" PLT. FILTER AREA	18	
GRAHAM	REACTOR OPERATOR	10-22-74	COP REACTORS	12	
WEAVER	TOWER OPERATOR	10-22-74	PLAST. PANEL BD. B PLT	22	
PALASCHAK	TOWER OPERATOR	10-22-74	PLAST. STRIPPER AREA	36	
WEBSTER	REACTOR OPERATOR	10-22-74	PUC REACTORS	18	
KEMBLE	TOWER OPERATOR	10-22-74	PLAST. PANEL BD "B" PLT	13	
FERRANTO	LABOR POOL	10-22-74	PLAST. B PLT. UNDER TOWERS	35	
LYONS	BOILER OPERATOR	10-22-74	BOILER HSE	58.4	
ANICIC	BAGGER CLEANER	10-22-74	PUC PALLETISING	42.9	

COLORITE 013136

VCM PERSONAL MONITORING

EXPOSURES 10 PPM AND OVER

PLANT BURLINGTON

WEEK OF 10/21/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
BROWN, K.	EFFLUENT OPER.	10-22-74	EFFLUENT LAB	29.2	
HIRSCHGEM	AREA FOREMAN	10-22-74	PLAST A+B PLT. UNDER TOWERS	28.1	
SIMPKINS	TOWER OPERATOR	10-22-74	PLAST. A+B PLT. 3rd FL.	62.6	
CANTBURY	TOWER OPERATOR	10-22-74	PLAST. A+B PLT. 3rd FL.	12	
WALLACE	LABOR POOL	10-23-74	PUC PALLETISING	40.7	
ROESSLER	MECHANIC	10-23-74	PLAST. B' PLT. STRIPPER AREA	41.2	
BOZARTH	MECHANIC	10-23-74	PUC REACTORS	69.5	
EBLE	MECHANIC	10-23-74	MAINT SHOP	16.9	
PALUMB	SHIPPING FOREMAN	10-23-74	SHIPPING OFFICE	10.4	
TRAUGER	CLERK	10-23-74	RECEIVING OFFICE	26.0	
SMITH	WHSEMAN	10-23-74	WHSE	28.0	
MCCARTY	MAINT CLERK	10-23-74	MAINT. OFFICE	10.6	
MC DANIELL	MECHANIC	10-23-74	MAINT. SHOP	56.2	
KALWAITIS	MECHANIC	10-23-74	MAINT. SHOP	56.9	
LONCISKY	MECHANIC	10-23-74	PUC REACTORS	22.6	
JENSEN	MAINT. FOREMAN	10-23-74	MAINT. OFFICE	42	
MAYER	MECHANIC	10-23-74	MAINT. SHOP	37	
MCFADDEN, F.	BAGGER	10-23-74	PLAST. PALLETISING	28	
PAINTER	LABOR POOL	10-23-74	PUC BAGGING	23.8	
MACKINTOSH	DRYER OPERATOR	10-23-74	FOREMAN'S OFFICE	63.5	
DRAKE	BAGGER	10-23-74	PLAST. PALLETISING	24	
MURPHY	YARD + SERVICE	10-23-74	WAREHOUSE	40	
NAYLOR	TECHNICIAN	10-23-74	Q.C. LAB	19.0	
PINTO	YARD + SERVICE	10-23-74	PUC + COP RECOVERY AREA	44.6	
GEMMA	TOWER OPERATOR	10-24-74	PLAST. A+B PLT. 3rd FL.	66.6	
TIGGER	LABOR POOL	10-24-74	PLAST. PALLETISING	32.9	
MILLEN	TOWER OPERATOR	10-24-74	PLAST. A+B PLT. 3rd FL.	28.3	

COLORITE 013137

VCM PERSONAL MONITORING

EXPOSURES 10 PPM AND OVER

PLANT BURLINGTON

WEEK OF 10/21/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
BOITNOTT	MECHANIC	10-24-74	COP RECOVERY COMPRESSORS	21	
BOWLING	TOWER OPERATOR	10-24-74	PLAST. A+B PLT. 3 rd FL.	12	
TEAGUE	BAGGER	10-24-74	PLAST. PALLETISING	22.9	
BROWN, T.	BAGGER	10-24-74	MAINT. AREA	14	
DYSON	TOWER OPERATOR	10-24-74	PLAST. A PLT. 3 rd FL.	24	
PATTERSON	AREA FOREMAN	10-24-74	PLAST. PANEL BA. B PLT	19	
NEAL	LABOR POOL	10-24-74	CLEANING UNDER TOWERS	3.3	
COMESANO	BAGGER-CLEANER	10-24-74	MAINT. AREA	27.6	
HATCHER	MECHANIC	10-24-74	MAINT. SHOP	12.4	
HARKER	TOWER OPERATOR	10-24-74	PLAST. "A" PLT. 2 nd FL.	20.0	
CLYDE	TOWER OPERATOR	10-24-74	PLAST "B" PLT - BATCH MIX	12.3	
BEDNARCZK	MECHANIC	10-24-74	MAINT. SHOP	17	
HUSTUS	REACTOR OPERATOR	10-24-74	COP REACTOR ROOM	51	
HALL	TECHNICIAN	10-24-74	O.C. LAB	19	
THOMPSON	BOILER OPERATOR	10-24-74	BOILER HSE	18	
KRAMER	REACTOR OPERATOR	10-24-74	PVC REACTOR ROOM	26.8	
ROBINSON, J.	REACTOR OPERATOR	10-25-74	COP REACTOR ROOM	11.0	
GUILMET	TECHNICIAN	10-25-74	O.C. LAB	19	
DEVER	ATOMIZER OPER	10-25-74	MAINT SHOP AREA	14	
KARASKA	MONITORING ANALYST	10-25-74	PLAST A+B PLT	29.4	
LAWS	MONITORING ANALYST	10-25-74	PLAST B PLT.	20	
THROCKMORTON	MAINT CLERK	10-23-74	TOOL CRIB	21.7	

COLORITE 013138