

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

TO J.F. Kilcullen	AT Piscataway	DATE October 21, 1974
FROM W.C. Champion	AT Burlington	COPY TO G.I. Rozand
SUBJECT VCM Personal Monitoring		P.R. Scarito - Burl. Dat
		J.T. Sweeney - Flem. Dat
		File

Attached are the VCM personal monitoring exposure values for Flemington and Burlington by job classification through the week of 9/30/74 for both plants.

W.C. Champion
(jst)
W.C. Champion

Attachments.

WCC/jst

FLEMINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of 9-15 / 9-21-74	Week Of 9-22 / 9-28-74	Week Of 9-29 / 10-5-74
Shift Foreman	2.6, 1.8, 4.8, 3.9.	2.7, 2.0, 1.9, 3.0	26.0, 1.6, 3.1, Nd.
Polymerization Foreman	4.0, 1.6, 3.2.	5.5, 4.2, 2.2	Nd, 4.2, .4, Nd.
Reactor Operator	2.1, 4.7, 2.1, 4.3, .2, 1.7, 1.4, 2.6, .3,	7.1, 1.0, 2.3, 4.1, 1.6, 2.4, Nd, 1.5, 3.3,	Nd, Nd, Nd, 3.2, 3063, .8, 1.3, Nd, Nd, Nd
Utility Operator	1.8, 16.0, 8.1, 3.8, 20.0,	29.9, 5.7, 10.2, .4, 4.8, 2.4,	Nd, Nd, .6, 4.4, 7.3, Nd, 9.1
Dryer Operator	7.5, Nd,	1.3, 7.2, 4.8, 5.4	.8, 1.3, Nd, 4.8
Warehouse Foreman	.3, 1.2	1.0, Nd, Nd	Nd, Nd,
Warehouseman	Nd, .5, .4, .7	Nd, 1.4, Nd	11.9, .2, .1, Nd,
Bagger	.5,	.4, 15.0, 31.0	8.9, 18.6, 10.5
Maintenance Foreman	1.9, .3	2.9, .1	.5, .3

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JOB CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of 9-15/9-21-74	Week Of 9-22/9-28-74	Week Of 9-29/10-5-74
Maintenance Clerk	.2	.3	.8
Mechanic	.9, Nd, Nd, 1.6, 3.8, .2, 1.7 Nd, Nd, 4.0,	Nd, Nd, 1.4, 9.3, .2, .3, .2 .9, 2.2, .2, .9	1.3, Nd, 22.1, 1.8, .8, .1, .4 .4, Nd, .4.6,
QC Lab Supervisor	3.5	6.3	3.3
QC Technician/Days	Nd	.4	2.3
QC Technician/Shift	.8, 3.9, .7, .5.	Nd, Nd, .4, 2.2	Nd, Nd, 2.3, Nd
Monitoring Analyst	30.0, 1.3,	1.4, 1.9, .8.	3.7, 2.1
Boiler Lead Operator		.4	3.2
Boiler Operator	.6, 14.8, 4.9, 1.8	5.9, Nd, 2.4	Nd, Nd, 2.3, Nd.
Pilot Plant Group Leader			.7
Pilot Plant Engineer	.1,	Nd	.4, .4

JOB CLASSIFICATIONPersonnel Exposure, ppm VCM

	Week Of 9-15/9-21-74	Week Of 9-22/9-28-74	Week Of 9-29/10-5-74
<u>Pilot Plant Technician</u>	Nd, Nd, Nd, 1.0, .4	Nd, Nd, Nd, Nd, Nd	.7, .8, .7, 1.6, .3, .7, .2
<u>Pilot Plant Maintenance</u>	Nd, 2.6,	Nd, 1.5,	2.0, 2.0,

JOB CLASSIFICATIONPersonnel Exposure, ppm VCM

	Month Of SEPTEMBER 1974
<u>Management & Office Personnel</u>	.4, .1, Nd, Nd, .1, .6, Nd, Nd, Nd, .6, .8, Nd
<u>R&D Personnel</u>	30 nd's.

TEN 4625

R.A. Lojewski
9/11/74

BURLINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

Personnel Exposure, ppm VCM

JOB CLASSIFICATION

Suspension:

	Week Of 9/16	Week Of 9/23	Week Of 9/30
Area Foreman	2.0, 1.7	4.0, 6.3, 3.3	0.3, 9.0, 4.0, 6.4
Homopolymer Reactor Operator	3.7, 3.9, 3.9, 16, 24, 4.6	110, 4.8, 1.6, 6.6, 3.9, 49	5.3, 6.0, 2.9, 22, 4.3, 7.2
Copolymer Reactor Operator	5.6, 5.7, 3.7, 3.8, 7.7	47, 5.0, 4.8, 4.0, 2.5, 1.6	7.7 7.0, 4.7, 6.1, 5.1, 2.3, 4.3, 7.2
Dryer Operator	9.0, 4.9, 0.5, 0.7	18, 2.1, 3.1	0.8, 4.0, 2.8, 5.1
Bagger/Cleaner	1.2, N.D., 3.3, 1.8, 0.4	2.2, 0.6, 0.2, N.D., 9.5	0.1, 8.8, N.D., 0.7, 3.3

Plastisol:

Area Foreman	27.5, 14, 10.0	39.4, 21, 36, 5.4	17.9, 75, 18, 19
Shift Foreman	1.2, N.D., 8.7, 0.8	N.D., 0.2	0.8, 0.2, 1.5
Tower Operator	30.0, 5.0, 50.0, 14.0, 8.3 5.3, 12.4, 8.8, 4.2, 17, 12, 7.9,	14, 44, 31, 4.3, 1.4, 1.4 3.5, 29, 6.0, 4.4, 27, 2.3, 20	28 60.1, 67, 11, 28, 25, 18, 21.6 15.7, 6.1, 17.5, 8.0, 44, 77

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JB CLASSIFICATION
Personnel Exposure, ppm VCM

lastisol (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 9/16	Week Of 9/23	Week Of 9/30
0.3, 12.6, 0.6 39.0, 5.0, 0.4, ND, ND, 0.1 1.2, ND, 5.7, ND, 1.0, 5.3, 20.0 69, 5.5, 3.3, ND, 39, 13, 2.7 33.3, 1.1, 26.4, 1.0, 7.0, 23.6, 16.5	0.3 ND, 0.6, 0.7, 5.4, 0.4, 0.5 ND, ND, 6.4, ND, 9.0, ND, 2.9 3.1, 0.3, 0.6, 1.1, 2.1, 1.0, 0.6 2.0, 9.4, 80.1, 3.6, 23, 15	8.8, 2.2 25.3, 11, 5.5, 12, 5.6, 9.0 8.4, ND, 2.0, 1.2, 1.2, 1.1 0.8, 0.6, 1.2, 0.5, 5.3, 2.4 ND, 1.6, 13.5, 16.1, 9.3, 0.4
0.2, ND 16.2, 1.8, 5.5, ND, ND, ND	ND, 0.2, 0.6, 0.5 3.6, 1.8, 3.3, 0.3, ND, ND	37.9, ND, 1.1, ND, ND, 0.7, 1.0, 1.6
4.9, ND, ND, ND	0.4, 12, ND, 0.8	4.4, 1.0, 0.1
7.7, 0.4, ND, ND	ND, ND, 10,	9.6, 2.7, 1.0, 2.2
	ND,	1.1
	ND, 1.8	ND, 0.9
	0.7	1.0
	ND,	1.2
ND 1.0, ND, ND, ND, ND, ND	ND, ND, ND, 1.1, ND	2.1 12.4, 2.0, 5.2, 1.0, 1.1, 2.9

Personnel Exposure, ppm VCM

B CLASSIFICATION

	Week Of 9/16	Week Of 9/23	Week Of 9/30
Laboratory (cont'd):			
Monitoring Analyst	42, 9.2	13, 16	N.O.
Maintenance:			
Maintenance Supervisor		1.2	32
Maintenance Foreman	2.8, 6.7, N.O., N.O.	N.O., 0.3, 9.9, 0.9, 14	N.O., 0.6, N.O., N.O.
Mechanic/Shift	N.O., 4.2 2.7, 5.3, N.O., N.O., N.O., 3.5 6.0, 11.7, N.O., 0.8, N.O., 0.3, N.O.	2.0, 58, N.O., 0.4 0.4, 3.3, 2.1, 0.1, 0.9, 32, N.O. N.O., N.O., N.O., 7.4, N.O., 0.1, 13	N.O., 8.7, 1.7, 12.5, N.O., 8.3, 3.0 0.4, 0.6, N.O., 6.2, 1.5, 1.0 N.O., N.O., N.O., N.O., 220, 0.9
Mechanic/Days	18.3, 4.6, 2.5, N.O. N.O., N.O., N.O., N.O., N.O., 3.8, N.O.	N.O., N.O., N.O. 4.8, 0.6, N.O., N.O., 0.3, N.O.	0.2, N.O. 0.7, 30, 0.4, 0.5, 9.6,
Warehouse & Miscellaneous:			
Warehouse Supervisor		N.O.	1.0
Warehouse Shipping Clerk		N.O.	0.4
Warehouse Receiving Clerk		5.5	0.7
Warehouseman	N.O.	N.O., N.O., N.O., 5.1	N.O., 0.9, N.O.
Effluent Plant Operator	1.7, 5.1, 0.2, 0.3	N.O., N.O., 5.6, 0.5	0.3, 2.6, 1.6, 2.8

DB CLASSIFICATION

Personnel Exposure, ppm VCM

Warehouse & Miscellaneous (cont'd):

	Week Of 9/16	Week Of 9/23	Week Of 9/30
Boiler Operator	N.O., N.O., N.O.	1.0, N.O., N.O., 7.2	N.O., 0.8, 0.1, 1.0
Lead Operator			
Utility Man	N.O., 3.3, 4.7, 1.7, 2.8	0.2, 0.6 N.O., N.O., 1.3, 0.2, 2.1, 1.3	8.5 0.2, 1.2, N.O., 11, N.O., N.O.
Yard Man & Service Man		7.4	

Personnel Exposure, ppm VCM

Office Staff:

Month Of

ITEN 4629

F.W. Kanzler
9/11/74

EXPOSURES 10' AND OVER

PLANT BUKLINGTON

WEEK OF 9/16/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
WAJDA	LABOR POOL	9/16	PLAST. PANEL BD. "A" PLT	26.4	
EDMONDS	BAGGER	9/16	PLAST. PALLETTING	16.2	
NEAL	LABOR POOL	9/16	PANEL BD "B" PLT.	16.5	
HIRSCHLEIN	AREA FOREMAN	9/16	PLAST. PANEL BD	10	
SIMPKINS	TOWER OPERATOR	9/16	PLAST. PANEL BD. "A" PLT	50	
LEWIS	LABOR POOL	9/16	CLEANING TOWER #12	12.6	
BOREL	TOWER OPERATOR	9/16	PLAST. PANEL BD. "B" PLT	18.0	
PALASCHAK	TOWER OPERATOR	9/16	PLAST. PANEL BD "B" PLT	12.4	
KUGLOSKI	LABOR POOL	9/17	PVC BAGGING	33.3	
PATTERSON	AREA FOREMAN	9/17	PLAST. PANEL BD. "B" PLT	27.5	
GOLDSMITH	REACTOR OPERATOR	9/17	PVC REACTOR ROOM	24.0	
BUTLER	LABOR POOL	9/17	PVC REACTOR ROOM	39.0	
BARLOW	LABOR POOL	9/17	CLEANING UNDER TOWERS	23.6	
WOODS	MECHANIC	9/17	MAINT. SHOP	11.7	
TREAGER	REACTOR OPERATOR	9/17	PVC REACTOR ROOM	16.0	
TOMASZEWSKI	AREA FOREMAN	9/17	PLAST. PANEL BD. A+B PLT	14.0	
LINDSEY	TOWER OPERATOR	9/17	PLAST. PANEL BD. A+B PLT.	12	
BEIERSCHEIT	LABOR POOL	9/17	PVC REACTOR RM	13	
EGLE	ELECTRICIAN	9/17	WORKING ON ALARM SYSTEM IN PLAST.	18.3	
LALUS	MONITORING TECH.	9/18	"A" PLT PENTHOUSE	42	
LEMMMA	TOWER OPERATOR	9/18	PLAST. PANEL BD. A+B PLT.	30	
CAFFEY	LABOR POOL	9/18	PVC BAGGING AREA	20.0	
HARKER	TOWER OPERATOR	9/18	PLAST. PANEL BD. A+B PLT.	17	
CURRY	LABOR POOL	9/18	"A" PLT. PENTHOUSE	69	
SHIVERS	LABOR POOL	9/18	"A" PLT. PENTHOUSE	39	
MATHIS	GENERAL FOREMAN	9/20	PLT. 2nd & 3rd FL. A+B PLT.	28.3	

EXPOSURES 10 MIN AND OVER

PLANT BURLINGTON

WEEK OF 9/23/74

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
OGAZALEK	DRYER OPERATOR	9/23	DRYER ROOM AREA	18	
CLARDY	MECHANIC	9/23	PVC COMPRESSOR AREA	32	
DEVER	ATOMIZER OPERATOR	9/23	MAINT SHOP	12	
RUDZINSKI	MECHANIC	9/23	MAINT SHOP	13	
PHILLIPS	REACTOR OPERATOR	9/23	PVC REACTOR ROOM	49	
ROCKHILL J.	MECHANIC	9/23	PVC COMPRESSOR AREA	58	
GRAHAM	REACTOR OPERATOR	9/23	PVC REACTOR ROOM	110	
PATTERSON	AREA FOREMAN	9/25	PLAST PANEL BD. "B" PLT	39.4	
RYDER	LABOR POOL	9/25	HPW CLEANING TOWER #10	80.1	
NEAL	LABOR POOL	9/25	PVC PALLETISING	15	
BARLOW	LABOR POOL	9/25	HPW CLEANING TOWER #10	23	
HOFFMAN W.	TOWER OPERATOR	9/25	PLAST PANEL BD. "B" PLT	29	
WILSON	MAINT FOREMAN	9/25	MAINT SHOP	14	
TOMASZEWSKI	AREA FOREMAN	9/27	PLAST. A+B PLT	21	
PEGN	TOWER OPERATOR	9/27	PLAST. A+B PLT	27	
HARKER	TOWER OPERATOR	9/27	PLAST. PANEL BD "B" PLT	20	
LINDSEY	TOWER OPERATOR	9/27	PLAST. PANEL BD. "B" PLT	14	
LAWS	MONITORING TECH	9/27	PLAST. A+B PLT	13	
KARASIK	MONITORING TECH	9/27	ALL MONITORING AREA.	16	
TUDOR	AREA FOREMAN	9/27	PLAST "B" PLT	36	
MILLER	TOWER OPERATOR	9/27	PLAST "B" PLT	44	
LEMMIA	TOWER OPERATOR	9/27	PLAST "B" PLT	31	

VCM PERSONAL MONITORING

EXPOSURES 10 MIN AND OVER

PLANT BURLINGTON

WEEK OF 9/30

Name	Job Classification	Date	Job Area	Exposure ppm, VCM	Breathing Air
FLOWERS	UTILITY OPERATOR	9-30-74	PVC REACTOR ROOM	11	
ROBINSON, T.	REACTOR OPERATOR	9-30-74	PVC REACTOR ROOM	22	
HIRSCHLEIN	AREA FOREMAN	9-30-74	PLAST. PANEL BD. "B" PLT	19	
SIMPKINS	TOWER OPERATOR	9-30-74	PLAST. 3rd FL. "B" PLT	18	
FERRANTO	LABOR POOL	9-30-74	CLEANING UNDER TOWERS	12	
CANTEBURY	TOWER OPERATOR	9-30-74	PLAST 3rd FL. "A" PLT	28	
REDMERSKI	LABOR POOL	9-30-74	PVC PALLETISING + Q.C. LAB	11	
BOREL	TOWER OPERATOR	9-30-74	PLAST PANEL BD A+B PLT.	21.6	
HARKER	TOWER OPERATOR	10-1-74	PLAST "B" PLT	60.1	
TOMASZEWSKI	AREA FOREMAN	10-1-74	PLAST "A" + "B" PLT	75	
REGN	TOWER OPERATOR	10-1-74	PLAST "A" PLT.	44	
CLYDE	TOWER OPERATOR	10-1-74	PLAST PANEL BD. A+B PLT	77	
DAVIS	MECHANIC	10-1-74	PLAST. WIRING #1 FILTER	220	
LINDSEY	TOWER OPERATOR	10-1-74	PLAST. PANEL BD. "A" PLT	67	
MONAHAN	BAGGER	10-1-74	PLAST. PALLETISING	16	
BIENKOWSKI	PLAST. BAGGER	10-1-74	PLAST. PALLETISING	37.9	
TAYLOR	LABOR POOL	10-1-74	PVC BAGGING	25.3	
RYDER	LABOR POOL	10-1-74	ATOMIZER ROOM	13.5	
WALLACE	LABOR POOL	10-1-74	CLEANING TOWERS	16.1	
PATTERSON	AREA FOREMAN	10-2-74	PLAST. "B" PLT	17.9	
HAMILTON	MECHANIC	10-2-74	COP REACTOR RM GRO. FL.	30	
SIMPSON	MECHANIC	10-3-74	MAINT SHOP	12.5	
WEAVER	TOWER OPERATOR	10-3-74	PLAST. PANEL BD. B PLT	15.7	
BYSON	TOWER OPERATOR	10-3-74	PLAST. PANEL BD. B PLT	17.5	
HOFFMAN	TECHNICIAN	10-4-74	Q.C. LAB	12.4	
TUDOR	AREA FOREMAN	10-4-74	PLAST. PANEL BD. "B" PLT.	18	
MILLER	TOWER OPERATOR	10-4-74	PLAST. A+B PLT	11	

EXPOSURES 10 PM AND OVER

PLANT BURLINGTON

WEEK OF 9/30[illegible]

TEN 4633

F.W. Kanzler
Revised 9/24/7.