

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. Da

 J.T. Sweeney - Flem. Da

 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

012957

FLEMINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

Personnel Exposure, ppm VCM

JOB CLASSIFICATION

	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, 9.8, 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	1.3, 1.2	1.0, Nd, Nd	Nd, Nd,
Warehouseman	4, .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	19, .3	2.9, .1	.5, .3

013353

Personnel Exposure, ppm VCM

JOB CLASSIFICATION

	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

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Personnel Exposure, ppm VCM

JOB CLASSIFICATION

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

JOB CLASSIFICATION

Personnel Exposure, ppm VCM

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

012018

BURLINGTON RESIN PLANT PERSONNEL MONITORING SUMMARY

Personnel Exposure, ppm VCM

OB CLASSIFICATION

suspension:

Area Foreman

Week Of 9/16

2.0, 1.7

Week Of 9/23

4.0, 6.3, 3.3

Week Of 9/30

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

4.7, 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

astisol:

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, 18.0, 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

010064

Personnel Exposure, ppm VCM

B CLASSIFICATION

astisol (cont'd):

Labor Pool

Bagger

Atomizer Dryer Operator

Additive Dryer Operator

boratory:

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, 5.8, 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, 0.4 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, 16
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

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Personnel Exposure, ppm VCM

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,
House & 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

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CLASSIFICATION

Personnel Exposure, ppm VCM

	Week Of 9/16	Week Of 9/23	Week Of 9/30
Warehouse & Miscellaneous (cont'd):			
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

012961

F.W. Kanzler
9/11/74

VCM PERSONAL MONITORING
EXPOSURES 10 AM AND OVER

PLANT BURLINGTON

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. PALLETTISING	10.2	
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	
KOUCLOSKI	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	
TREMLER	REACTOR OPERATOR	9/17	PVC REACTOR ROOM	16.0	
TOMASZEWSKI	AREA FOREMAN	9/17	PLAST. PANEL BD. A+B PLT	14.0	
LINSEY	TOWER OPERATOR	9/17	PLAST. PANEL BD. A+B PLT.	12	
BEIERSCHNITT	LABOR POOL	9/17	PVC REACTOR RM	1.3	
EGLE	ELECTRICIAN	9/17	WORKING ON ALARM SYSTEM IN PLST.	18.3	
LAW	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	

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VCM PERSONAL MONITORING

EXPOSURES 10 .PM 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	
LAW	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	

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VCM PERSONAL MONITORING

EXPOSURES 10 PPM 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	2.2	
HIRSCHLEIN	AREA FOREMAN	9-30-74	PLAST. PANEL BD. "B" PLT	1.9	
SIMPKINS	TOWER OPERATOR	9-30-74	PLAST. 3rd FL. "B" PLT	1.8	
FERRANTO	LABOR POOL	9-30-74	CLEANING UNDER TOWERS	1.2	
CANTEBURY	TOWER OPERATOR	9-30-74	PLAST 3rd FL. "A" PLT	2.8	
REDMERSKI	LABOR POOL	9-30-74	PVC PALLETISING + Q.C. LAB	1.1	
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	7.5	
REGN	TOWER OPERATOR	10-1-74	PLAST "B" PLT.	4.4	
CLYDE	TOWER OPERATOR	10-1-74	PLAST PANEL BD. A+B PLT	7.7	
DAVIS	MECHANIC	10-1-74	PLAST. WIRING #1 FILTER	22.0	
LINDSEY	TOWER OPERATOR	10-1-74	PLAST. PANEL BD. "A" PLT	6.7	
MONAHAN	BAGGER	10-1-74	PLAST. PALLETISING	1.6	
BIENKOWSKI	PLAST. BAGGER	10-1-74	PLAST. PALLETISING	37.9	
TAYLOR	LABOR POOL	10-1-74	PVC BAGGING	25.3	
RYOER	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.	3.0	
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.	1.8	
MYELER	TOWER OPERATOR	10-4-74	PLAST. A+B PLT	1.1	

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EXPOSURES 10 PPM AND OVER

WEEK OF 9/30[illegible]

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