

INTER-OFFICE MEMO TENNECO CHEMICALS, INC.

TO J. F. Kilcullen AT Piscataway DATE August 26, 1974
FROM W. C. Champion AT Flemington COPY TO G. I. Rozand
SUBJECT Personnel Monitoring for VCM File

Attached are updated personnel monitoring results, by job classification, through the week of August 12.


W. C. Champion

WCC:em

Att.

BURLINGTON RESIN PLANT, PERSONNEL MONITORING SUMMARY

Personnel Exposure, PPM VCM

JOB CLASSIFICATION

Suspension

Wk. of 7/29

Wk. of 8/5

Wk. of 8/12

INCMPLT.

Area Foreman

0.6; 2.4

Homopolymer Reactor
Operator

5.4; 21.9; 8.9
5.0

Copolymer Reactor
Operator

2.4; 4.2; 7.7; <0.1
10.4; 7.3; 11.3; 6.4
3.5

Dryer Operator

5.1; 1.6; 0.3; <0.1

Bagger/Cleaner

1.6; 5.6; ND; ND

Labor Pool/Bagger

0.8; 1.6; 0.2
0.9; 1.2; 0.8
0.4

9.9; 22.0; 2.5; 0.1

6.8; 5.4; 2.3; 3.1

1.3;

1.4; ND

0.7; ND; 0.4

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COLORITE 012839

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BURLINGTON RESIN PLANT, PERSONNEL MONITORING SUMMARY

Personnel Exposure, PPM VCM

JOB CLASSIFICATION

Plastisol

Wk. of 7/29

Wk. of 8/5

Wk. of 8/12

INCOMPLETE

Area Foreman

78.2; 27.3; 32.0; 10.6

S

4.1; 9.0

Shift Foreman

0.4; 0.9; 5.5; 0.1

H

0.5,

Tower Operator

16.9; 29.9; 33.5; 19.3
27.4; 33.2; 19.5; 27.5
36.9; 16.8; 22.6; 17.5
17.5; 16.7

C

32.2; 14.7; 18.3; 531.7
1.5; 25.9; 3.8

Laborer

31.6; 2.8; 2.8; 5.1
0.5; 10.0; 0.6; 11.6
0.3; 8.5; 2.4;

D

O

W

7.2; 3.5; ND; 0.8; 3.6
1.0; 0.4; 2.8; 1.2; 7.2
4.6;

Bagger

1.5; 1.4; 0.3; 0.4; 0.5
0.5; 0.2; 0.6; 0.9; 0.5

N

0.3; 0.6; 1.0; 0.8; 1.5
0.8;

Atomizer Dryer Operator

0.4; <0.1; 0.2

28.6; 5.4

Additive Dryer Operator

1.5; 0.6; 2.0

1.6; 0.8

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BURLINGTON RESIN PLANT, PERSONNEL MONITORING SUMMARY

Personnel Exposure, PPM VCM

JOB CLASSIFICATION

Laboratory

QC Lab. Supv.

Analytical Chemist

Colorist

QC Technician/Days

QC Technician/Shift

Maintenance

Maint. Supervisor

Maint. Foreman

Mechanic/Shift

OUTSIDE
CONTRACTORS

	Wk. of 7/29	Wk. of 8/5	Wk. of 8/12
		SHUT DOWN	INCMPLT.
	MONTHLY INTERVALS	0.1	MONTHLY INTERVALS
	<1.0; 0.7	0.1; ND	—
	<1.0	ND	—
	1.1	—	—
	0.5; 0.6; 0.1; 0.1 0.2; 0.8; <0.1; <0.1	—	3.7; 0.7; 1.0; 1.1
		0.2	—
	<1.0		
	0.5; 0.8; <0.1	ND; ND	0.5
	0.6; 0.6; 0.3; <0.1 <0.1; 0.1; ND; 2.5 2.5; 9.2; 105.1 (AIR) <0.1; 0.1; 0.1; 0.3	0.3; ND; ND; ND ND; 76.8; ND; ND 0.1	0.3; 0.9; 0.9; 1.0; 1.6; 0.5; 2.0
	—	<0.1; ND; ND; ND 0.4; 6.7; 3.5; 0.6 ND; ND; ND; ND ND; ND	—

COLORITE 012841

BURLINGTON RESIN PLANT, PERSONNEL MONITORING SUMMARY

Personnel Exposure, PPM VCM

JOB CLASSIFICATION

Warehouse and Misc.

	<u>Wk. of 7/29</u>	<u>Wk. of 8/5</u>	<u>Wk. of 8/12</u>
		<u>SHUT DOWN</u>	<u>INCMPLT.</u>
Warehouse Supv.	MONTHLY INTERVALS	0.4	MONTHLY INTERVALS
Warehouse Shipping Clerk	MONTHLY INTERVALS	1.0	MONTHLY INTERVALS
Warehouse Receiving Clerk	MONTHLY INTERVALS	—	MONTHLY INTERVALS
Warehouseman	<1.0, 2.1; ND; 1.1	ND; ND; ND	0.4; 0.5
Effluent Plant Operator	1.5; ND; 0.1; 0.5	—	2.2;
Boiler Operator	0.9, ND; 0.1; <0.1	—	0.6; 2.8
Lead Operator	MONTHLY INTERVALS	—	MONTHLY INTERVALS
Utility Man	2.2; <0.1; 0.1 0.1; 1.0	—	1.0; 1.5; 1.2
Yard Man and Service Man	0.6	ND	2.1
Management and Office Personnel	MONTHLY INTERVALS	<0.1; ND; ND; ND; 0.8 ND; <0.1; ND; <0.1; ND ND; 0.3; ND; <0.1; ND ND; ND; ND; ND; 0.7 ND; ND; ND; <0.1	MONTHLY INTERVALS

COLORITE 012842

WCC

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BURLINGTON COMPOUND PLANT, PERSONNEL MONITORING SUMMARY

Personnel Exposure, PPM VCM

JOB CLASSIFICATION

Wk. of 7/29

Wk. of 8/5

Wk. of 8/12

SHUT DOWN

MONTHLY INTERVALS

MONTHLY INTERVALS

Office Staff

<0.1

—

Utility Service/Shift

<0.1; 1.6; 1.7; 0.8

0.6

Quality Control/Days

<0.1; <0.1

—

Quality Control/Shift

ND; ND; 0.3; 5.6

0.4

Mechanic/Days

<0.1; <0.1

—

Mechanic/Shift

ND; 0.4; 4.6

<0.1

Short Weightsman

<0.1

—

Warehouseman

<0.1; 10.1; 0.9

—

Line Operator

0.1; 1.8; 1.7

ND

Mixer Operator

<0.1; 0.5; 4.6; 5.4

ND

Mill Operator

<0.1; ND; 1.1; 1.2

ND

Bagger Operator

0.1; ND; 0.8; 1.1

<0.1

Foreman

<0.1; 0.5; 1.6

ND

BAG SLITTER

0.7; 0.2

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COLORITE 012843

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7-25-70

PERSONAL MONITORING

EXCURSIONS ABOVE 25 PPM

Burlington Resin Plant

1974

NAME	DATE	JOB CLASSIFICATION	(ppm) VEM	JOB AREA
RODARCEK	7/29	MAINT. MECHANIC	105.1	OPENED COP VENT CONTROL (BREATHING AIR)
BOULING	7/29	TOWER OPERATOR	36.9	3RD FL. PANEL 3d. "A" SIDE - #1 FILT
LYDE	"	"	33.2	3RD floor PANEL 3d. "B" SIDE
DYSON	"	"	33.5	3RD FL. PANEL 3d. "B" SIDE - #1 STR
HAMILTON	"	MAINT. MECHANIC	41.4	MAINT. SHOP
G. HOFFMAN	"	TOWER OPERATOR	29.9	3RD FL. PANEL 3d. "B" SIDE - CHA
KUPELOSKI	"	LABOR POOL	31.6	CLOSING TOP T#5
LINDSEY	"	TOWER OPERATOR	27.5	3RD FL. PANEL 3d. "B" SIDE
REGN	"	"	27.4	3RD FL. PANEL 3d. "B" SIDE
TERSON	7/29	PLASTISOL FOREMAN	29.3	3RD floor PANEL 3d. "B" SIDE
WIEBOWSKI	"	"	32.0	" " " " "
WIDOR	"	"	78.2	" " CAT. CHARGE POT
WIGNI	8/5	MAINT. MECHANIC	76.8	PVC RECOVERY AREA
WREL	8/12	TOWER OPERATOR	25.9	CHARGING T#11 - FILTERS "B" S
WILLER	"	"	32.2	CAT. CHARGE POT - PANEL - 3RD FL. "
WLAWSKI	"	"	531.7	3RD FL. PANEL 3d. "B" SIDE
WELLWAG	"	ATOMIZER	28.6	" " PLASTISOL " " PANEL H.H.S. & FILTERS

Burlington Composite Plant

(EXCURSIONS > 10 PPM)

WERT	7/29	WAREHOUSEMAN	10.1	WAREHOUSE
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FLEMIN N RESIN PLANT, PERSONNEL MONITORING SUMMARY

JOB CLASSIFICATION

Personnel Exposure, PPM VCM

WEEK OF 8/5-8/9

Week Of 8/12-8/16

Maintenance Clerk

1.7

Mechanic

1.0 ac 3.1 nd 1.6
2.2 1.5 2.0 1.5 0.8
nd

nd 0.5 nd 0.7 0.9 0.8
0.9 1.1 0.9 nd

QC Group Leader

0.5

nd 1.3

QC Technician/Days

0.3 nd nd nd

2.2 nd nd nd ~~1.9~~

QC Technician/Shift

6.7 nd nd

0.2 0.3 2.6 1.7

Boiler Lead Operator

nd

nd

Boiler Operator

nd 0.7 nd

nd 0.1 nd

Pilot Plant Group Leader

Pilot Plant Engineer

2.1 2.9

nd nd

Pilot Plant Technician

1.7 nd nd nd nd
2.0

Pilot Plant Maintenance

nd

Management & Office
Personnel

R. & D Personnel

COLORITE 012845

FLEMING RESIN PLANT, PERSONNEL MONITORING SUMMARY

JOB CLASSIFICATION

Week Of 8/5-8/9

Personnel Exposure, PPM VCM

Week Of 8/12-8/16

Shift Foreman

0.5 1.4 1.3 1.7 4.1

4.6 93.4 nd nd

Polymerization Foreman

0.9 0.4

0.2 nd 2.9

Reactor Operator

2.9 12.7 0.4 nd 0.5
1.1 1.0 3.3

0.6 248 2.9 14 3.5
1.4 3.2 2.0 35.3

Utility Operator

0.8 2.4 4.0 nd 0.3
2.9 nd 0.5 nd

4.8 1.6 1.5 0.5 175 2.4
5.5 nd 8.7 1.0

Dryer Operator

23.2 4.9 1.8

~~0.4~~ nd 0.6 0.7

Warehouse Foreman

4.5 1.6

nd 0.8

Warehouseman

3.1 nd nd 0.5 1.8

0.5 nd nd 0.6

Bagger

6.5 11.6 2.1

1.4 1.6

Maintenance Foreman

1.0

2.1

COLORITE 012846