

Plastics and Chemicals

PUT IT IN WRITING

Xerox *CARR*
Da. 9 October 1974 *ADAMS* *10-11-74*

To M. H. Stermon Subject VCM IN PVC PRODUCT
From Dick Lawson
() Take Action () For Your Approval (x) For Your Info () Discuss With Me
() For Your Comments () As Requested () File () Note & Return

Attached are the results of PVC final product samples tested for vinyl chloride monomer during the week of 30 September 1974.

Dick Lawson
DICK LAWSON

DJL:kg

Attachment

cc: J. T. Barr - V.F.
J. D. Kramer
F. L. Riddle
C. J. Smith
G. B. H. Speed
R. R. Spiegelhalter - Pensacola
C. H. Worman - Allentown

RECEIVED

OCT 11 1974

J. T. BARR

RECEIVED

OCT 1 1974

R. FLEMING, V. F.

AP00006159

<u>TYPE</u>	<u>LOT#</u>	<u>PPM, VCM</u>
1230P	646T4	340
	649T4	448
	650T4	300
	652T4	370
	655T4	295
	662T4	535
	663T4	840
	665T4	500
	667T4	598
1225	7504	70
	7784	96
	664T4	932
	668T4	667
7121	658T4	430
	772T4	430
	7724	286
	659C4	322
	653T4	407
405	7694	59
	7704	123
	7714	200
	7744	148
	7754	204
	7764	305
	7774	211
	7794	101
	7734	120



PUT IT IN WRITING

Date 9 OCTOBER 1974

To J. D. KRAMER Subject VCM CONCENTRATION IN REACTOR BUILDING

From G. B. H. SPEED SEPTEMBER 1974

☐ Take Action ☐ For Your Approval ☐ For Your Info ☐ Discuss With Me
☐ For Your Comments ☐ As Requested ☐ File ☐ Note & Return

cc: A. R. Adams/Valley Forge
J. T. Barr/Valley Forge
T. L. Carey/Valley Forge
R. E. Jones/Pensacola
A. K. McMillan/Valley Forge
E. A. Primeau/Pensacola

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OCT 11 1974

J. T. BARR

Attached are the average daily VCM concentrations as read from No. 1 and No. 2 Bendix Chromatographs. Also included is our continuing graph of daily averages.

G. B. H. SPEED

GBHS/pk

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OCT 13 1974

R. FLEMING, V. P.

AP00006161

VINYL CHLORIDE LEVELS IN POLYMER BUILDING

BENDIX CHROMATOGRAPH NO. 1

3rd floor panel

SEPTEMBER 1974

#2 1st floor

ALL READINGS IN PPM												DAILY
SAMPLE POINT		1	2	3	4	5	6	7	8	9	10	AVG.
SEPTEMBER	1	12.0	14.9	11.8	3.8	4.1	31.6	9.5	15.1	3.0	12.0	11.8
	2	12.0	16.8	10.7	6.4	4.8	18.9	9.5	8.1	3.3	3.7	9.4
	3	14.3	8.5	17.1	10.2	3.1	15.2	9.2	42.2	6.8	4.1	13.1
	4	23.4	10.5	16.0	12.8	2.0	17.1	6.5	36.6	9.5	3.7	13.8
	5	2.4	2.8	15.6	0.7	0.5	15.9	1.8	47.3	1.2	1.5	9.0
	6	7.2	16.5	9.6	2.1	5.6	27.2	17.2	23.5	1.6	5.7	11.6
	7	1.8	3.0	3.1	1.7	2.4	11.9	5.2	20.2	1.4	2.1	5.2
	8	4.8	7.9	4.9	2.2	3.5	10.9	8.2	41.7	1.3	9.9	9.5
	9	5.8	4.3	3.5	4.1	5.0	26.6	9.6	5.0	1.7	12.4	7.8
	10	0.4	4.5	12.5	4.1	0.9	0.2	0.1	3.8	0	0.4	2.7
	11	2.0	0.4	0.5	0.3	2.0	8.2	2.7	0.5	0.3	0.4	2.2
	12	3.6	10.0	15.8	1.2	3.4	12.3	7.4	12.2	0.4	2.5	6.9
	13	1.8	3.0	2.8	1.3	1.4	4.5	1.8	15.2	0.8	0.6	3.3
	14	1.0	3.1	5.5	0.6	1.8	6.9	3.0	16.8	0.4	14.0	5.3
	15	1.9	6.2	3.0	1.7	3.2	6.1	4.6	5.3	1.6	6.0	4.0
	16	2.5	4.4	5.1	2.4	1.6	13.2	7.9	35.4	2.2	2.8	7.8
	17	1.8	4.5	4.3	1.8	2.5	4.5	4.7	12.5	1.2	2.8	4.1
	18	3.0	53.3	4.9	5.0	3.8	6.2	27.5	5.1	1.4	8.6	11.9
	19	0.1	3.2	1.4	0.2	8.8	0.3	4.4	0.1	0.1	0.9	2.0
	20	1.7	3.6	8.9	1.2	2.2	4.7	5.3	1.4	4.1	4.7	3.8
	21	4.3	11.3	2.8	1.7	1.9	17.9	4.7	6.0	1.3	5.8	5.8
	22	1.7	12.5	8.1	0.6	0.9	0.5	1.5	0.3	0.2	5.1	3.1
	23	2.9	2.2	2.0	1.4	1.8	4.3	1.0	0.4	2.5	7.5	2.6
	24	0.1	1.4	0.2	0.7	1.6	0.6	0.3	2.7	0	0.4	0.8
	25	0.8	3.0	3.2	0.5	4.2	3.5	2.5	9.2	1.4	1.8	3.0
	26	0.2	2.0	1.0	0	0.1	0.7	3.8	1.3	0.2	0.4	1.0
	27	0.1	0.6	0.3	0.1	0.5	0.1	0.2	0.9	0.8	4.6	0.8
	28	1.0	1.2	1.2	1.3	1.1	1.9	1.0	1.0	0.9	1.2	1.2
	29	2.7	3.6	2.8	2.7	4.4	5.9	3.7	14.1	2.0	4.6	4.7
	30	1.7	6.7	6.7	2.6	7.1	18.3	5.0	14.9	0.7	3.6	6.7
MONTH AVG.		4.0	7.5	6.2	2.5	2.9	9.9	5.7	13.3	1.7	4.4	5.8

VINYL CHLORIDE LEVELS IN POLYMER BUILDING

BENDIX CHROMATOGRAPH NO. 2

SEPTEMBER 1974

ALL READINGS IN PPM

SAMPLE POINT	1	2	3	4	5	6	7	8	9	10	DAILY AVG.
Sept. 1	9.9	5.4	23.6	6.4	5.5	21.6	9.6	4.6	2.1	8.4	9.7
2	11.9	4.6	19.3	6.5	8.0	21.9	4.9	4.2	4.4	12.0	9.8
3	25.0	3.8	25.5	14.0	5.4	20.7	12.3	4.1	4.0	13.9	12.9
4	11.4	2.2	14.3	8.7	13.1	24.0	26.5	1.7	9.6	9.5	12.1
5	25.4	0.9	13.0	2.5	0.8	14.0	7.0	0.8	1.9	3.7	7.0
6	11.5	5.8	32.1	5.4	4.1	18.7	9.3	3.1	1.8	5.1	9.7
7	31.4	1.4	7.2	4.2	1.9	7.5	4.7	1.9	1.6	4.3	6.6
8	40.4	3.2	15.3	17.3	2.4	12.5	5.5	1.9	3.5	9.8	11.2
9	5.6	6.2	37.4	3.0	7.1	2.7	3.5	2.4	0.5	1.3	7.0
10	0.9	0.9	0.9	0.5	2.0	9.2	6.4	0.4	0.6	5.1	2.7
11	3.4	1.7	10.3	0	1.1	0.4	0.1	3.3	0	0.1	2.0
12	2.2	7.3	13.0	0.5	2.5	6.7	0.8	4.1	0.2	1.1	3.8
13	7.6	1.7	10.1	8.8	2.1	4.9	3.4	1.9	1.8	2.0	4.4
14	18.8	3.2	4.1	16.5	1.6	7.3	1.3	1.8	0.6	5.9	6.1
15	3.0	6.5	12.0	2.2	1.8	4.2	5.8	5.5	1.3	1.8	4.4
16	1.3	1.4	6.2	6.5	5.8	2.7	2.1	3.9	2.8	2.7	3.5
17	Out of service										
18	4.9	5.6	5.2	10.6	7.2	4.1	4.4	8.1	8.7	9.3	6.8
19	0.9	0.3	1.7	3.0	1.7	0.5	0.8	1.0	2.8	5.0	1.8
20	1.4	1.1	8.2	10.1	3.1	2.8	6.0	4.9	4.1	3.3	4.5
21	5.6	9.3	8.5	7.4	4.9	3.9	3.0	3.8	4.7	4.9	5.6
22	2.9	3.9	5.1	1.8	2.3	2.3	2.1	3.1	2.1	1.9	2.8
23	6.2	5.8	7.1	2.7	2.7	8.0	4.5	5.2	5.0	6.4	5.4
24	2.9	3.8	9.8	4.6	3.2	3.7	2.3	5.8	6.2	3.9	4.6
25	1.5	1.0	6.1	7.7	3.8	1.2	2.2	2.4	4.5	2.0	3.2
26	0.2	0.1	5.6	7.6	2.5	0.3	0.5	0.4	1.4	1.5	2.0
27	0.1	0.1	5.4	8.6	2.5	0.2	0.2	0.1	1.3	1.1	2.0
28	0.9	1.2	5.3	5.7	2.1	1.4	0.7	0.9	1.4	1.2	2.0
29	3.5	7.2	7.9	7.7	5.2	3.0	3.5	5.1	5.2	3.7	5.2
30	4.7	6.2	8.5	8.3	6.8	3.3	4.0	5.2	5.1	3.9	5.6
MONTH AVG.	8.5	3.5	11.0	6.5	3.1	7.4	4.7	3.2	3.1	4.6	5.7

AP00006163

EXHIBIT III

AVERAGE VCL CONTENT OF REACTOR BUILDING

