



INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS

P. O. BOX 471, TEXAS CITY, TEXAS 77590

TO (NAME) Mr. R. L. Frantz ✓
COMPANY Mr. R. P. Keefe
LOCATION Mr. R. H. May
Mr. A. A. Peterson
Mr. G. T. Pyle
Mr. O. A. Shelton
Mr. K. L. Topham

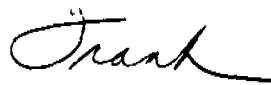
DATE September 17, 1974

SUBJECT Monitoring of VCI Analyzer

I have been monitoring the VFA analyzer since August 19 for VCI readings exceeding 50 ppm. A tabulation is made each day of the approximate time, the level (ppm), the location of the sample point, and the reason for the point being high if noted on the scan by the Operators. The Operators have been requested to make a note on the scan each time it goes over 50 ppm.

Our objective in taking this data is to identify problem areas so that we can minimize personnel exposure. With this objective in mind, I plan to circulate the tabulation on a continuing updated basis for a while. This will give each of us an opportunity to see if the data is indicating a problem area that we should be concerned about and can contribute to a solution.

Attached is the data beginning on September 7.


Frank Johnson

FJ/st

Attachment

UCC 094463

<u>Date</u>	<u>Approx. Time</u>	<u>ppm</u>	<u>Location</u>	<u>Reason, if known</u>
9/7	12:30 am	97	(16) vinyl chloride unloading	
	4:00 am	74	(4) downstairs, S. line	
	11:00 am	60	(20) roving point	
	11:00 am	91	(3) downstairs, North line	
	12 noon	100+	(20) roving point	
	12:30 pm	91	(3) downstairs, North line	
	5:30 pm	56	(11) Bldg. 119, N side, 3rd level	
	8:30 pm	100+	(11) ditto	
	9:00 pm	100+	(11) ditto	
9/8	12:30 am	78	(11) ditto	Don't know
	1:00 am	52	(11) ditto	Think off-gas recovery blowing over
	3:00 am	100+	(11) ditto	
	4:30 am	62	(11) ditto	
	5:30 am	89	(11) ditto	
	6:30 am	100+	(11) ditto	Off-gas rec. system
	9:00 am	100+	(11) ditto	
9/9	6:00 am	74	(11) ditto	
	6:40 am	78	(11) ditto	
	11:00 am	51	(15) Bldg. 119, S. side NW of st.	
	12:00 noon	100+	(15) ditto	
9/10	2:30 pm	100+	(13) Bldg. 119, comp. room	
	2:30 pm	52	(15) Bldg. 119, S side NW of st.	
	5:00 pm	62	(18) Pilot Plant grating	
	11:00 pm	100+	(12) Off-gas rec. fac.	
9/11	12:30 am	61	(5) 2nd level, E. line	
	12:30 am	59	(6) 2nd level, N. line	
	3:00 am	67	(11) Bldg. 119, N side 3rd level	
	12:30 pm	95	(3) Downstairs, N. line	
	11:00 pm	85	(12) Off-gas rec. fac.	
	11:40 pm	100+	(12) ditto	?
9/12	8:45 am	53	(12) Off-gas rec. fac.	
	8:00 pm	100+	(3) downstairs, N. line	Off-gas overloaded- pop valve vent. to air ditto
	8:00 pm	100+	(6) 2nd level, N. line	Off-gas compressor ditto
	9:00 pm	56	(3) downstairs N line	
	9:00 pm	56	(6) 2nd level, N line	
	2:00 pm	58	(3) downstairs N line	
	4:00 pm	51	(3) downstairs N line	

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<u>Date</u>	<u>Approx. Time</u>	<u>ppm</u>	<u>Location</u>	<u>Reason, If Known</u>
9/13	5:00 am	100+	(13) Bldg. 119 comp. room	Possibly caused by venting H ₂ O during C-10, C-11 changeover Source unknown
	5:00 am	100+	(14) Maint. eating room	
	7:30 pm	62	(11) Bldg. 119 N side 3rd level	
	7:30 pm	50	(17) tank area	
	11:00 pm	50	(4) downstairs, S line	
		61	(5) 2nd level, E line	
		100+	(7) 2nd level, S line	
9/14	6:30 am- 11:00 am	Chart did not ink.		Draining 07 tank- lost 150 gal. VCl
	1-2:00 pm	Chart did not ink.		
	4:30 pm	100+	(2) downstairs E line	
		100+	(3) downstairs N line	
		100+	(4) downstairs S line	
		100+	(5) 2nd level E line	One of the VAc strippers ran over
		100+	(6) 2nd level, N line	
	9:00 pm	52	(12) off-gas rec. fac.	
	11:00 pm	100+	(13) Bldg. 119 comp. room	
	11:30 pm	51	(3) downstairs N line	
9/15	12 midnight	100+	(4) downstairs S line	Pack gland off gas comp. Off gas comp. packing D-3 chg H ₂ O Chg valve Vented SH Venting SH
	6-7:30 am	Chart did not ink.		
	9:00 am	57	(12) off-gas rec. fac.	
	10:00 am	100+	(12) ditto	
	10:30 am	100+	(12) ditto	
	12:15 pm	100+	(5) 2nd level E line	
	12:30 pm	100+	(14) Maint. eating room	
	1:00 pm	81	(12) Off gas rec. fac.	
9/16	4:30 am	51	(7) 2nd level, S line	?
	5:30 am	50	(4) downstairs, S line	

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