



Air Products and Chemicals
INC.

ESCAMBIA PLANT

INTEROFFICE MEMORANDUM

RECEIVED

APR 5 1974

T. L. CAREY

Copy
Ros Adams
ME
file
To: E. A. Ray

Date: (Dictated 3/29/74)
April 2, 1974

From: W. C. Wilde

Copies: J. T. Barr
T. L. Carey ✓
R. Fleming
J. D. Kramer
A. K. McMillan
E. A. Primeau
G. B. H. Speed
R. R. Spiegelhalter
M. Stermon

Re: Personal Monitoring for VCM
Exposure at Pace Plant

Since 3/19/74, fifteen 8 hour samples for VCM exposure have been taken. The average of all of these samples is 20 ppm. Ten of the samples were on utility operators, and the average of these was 23 ppm. The highest reading was on a utility operator and was 44 ppm. The highest reading on one of the other operators was 32 ppm on the reactor operator, and the lowest reading was 2.5 ppm on a maintenance mechanic.

Nine extra batteries and three extra battery chargers were received. At that time the Calvert City plant had not received any of the extra batteries they had ordered, so three of the batteries were shipped to them. With the extra batteries and chargers it has been possible to get two, 8 hour samples per day. This uses the batteries only three hours per charge. We will try to get four hours per charge from the batteries, and if this is possible it will allow getting three samples per day. M. Stermon stated that they were getting four hours per charge at Calvert City.

The samples that have been taken thus far have been for periods ranging from 6 hours and 40 minutes to 8 hours. In all cases the sampler was put on and started in the change room/laboratory building and stopped and taken off in the same building. The person being sampled was never in the PVC plant without the sampler on. If the exposure levels were for 8 full hours in all cases they would be slightly lower than those listed.

W C Wilde
W. C. Wilde

WCW/jc

Attachment

AP00032531

E. A. Ray

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April 2, 1974

Operator's Job Title	Operator's Name	Date	Sampling Start	Time Stop	Shift Taking Sample	TWA VCM Levels
Utility*	Martin (Carrol)	3/19/74	7:00 am	2:45 pm	7-3 "B"	33 ppm
Utility	Berry	3/21/74	3:00 pm	10:30 pm	3-11 "C"	8 ppm
Utility*	Berry	3/22/74	3:00 pm	10:30 pm	3-11 "C"	18 ppm
Utility*	Jones (Carrol)	3/23/74	7:00 am	2:00 pm	7-3 "A"	43 ppm
Utility*	Berry	3/23/74	3:00 pm	10:00 pm	3-11 "C"	21 ppm
Utility	Kirkland(Carrol)	3/24/74	7:00 am	2:45 pm	7-3 "A"	5 ppm (1)
Utility*	Berry	3/24/74	3:00 pm	10:30 pm	3-11 "C"	44 ppm
Utility*	Kirkland(Carrol)	3/25/74	7:00 am	2:00 pm	7-3 "A"	19 ppm
Utility	Berry	3/24/74	3:00 pm	10:30 pm	3-11 "C"	12 ppm
Utility	Kirkland(Carrol)	3/26/74	7:00 am	2:00 pm	7-3 "A"	31 ppm
Recovery	Bott	3/26/74	3:00 pm	10:00 pm	3-11 "B"	12 ppm
Reactor	Curry	3/27/74	7:00 am	2:00 pm	7-3 "A"	32 ppm
Finishing	Boatwright	3/27/74	3:30 pm	10:30 pm	3-11 "B"	13 ppm
Maintenance	Kent	3/28/74	7:00 am	3:00 pm	Day Worker	2.5 ppm
Sr. Operator	Liggett	3/28/74	3:20 pm	10:00 pm	3-11 "B"	9 ppm

(1) Part of sample may have been lost. May be up to 10 ppm.

* Operator inside a Reactor

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