

ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

Month: September

Date of Report: 10/25/84

Routine Chemical Dosimetry

All Sample Results:

<u>Chemical</u>	<u><</u> PEL		<u>></u> PEL Overexposures	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
VCM	86	95.6	4	4.4
Lead	8	80	2	20
Total Particulates	5	100	0	0

Overexposures

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Lead Operator	2.2**ppm, VCM	Employee overexposed while working in the vicinity of a VCM filter pak filter change in the new unit.
General Mechanic	1.5**ppm, VCM	Employee overexposed while changing 743 reactor chem wash sprayhead.
Yard Operator	1.3*ppm, VCM	Employee overexposed while hooking/unhooking VCM railcars at the VCM tank farm.
Yard Operator	1.3*ppm, VCM	Employee overexposed while hooking/unhooking VCM railcars at the VCM tank farm.
Color Weigh Compounder	68.8* microgram Lead/m ³	Employee overexposed while doing his routine job of color weigh-up. No specific cause for the overexposure has been identified. The two lead materials handled were Epis-tatic 112 and Cyastab 988.
Line I Compounder	139.1* microgram Lead/m ³	Employee overexposed while charging Epistatic 112 into blends of 34431 Natural on Line I.

* Respiratory protection was worn.

** Respiratory protection was not worn.

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Respiratory Protection

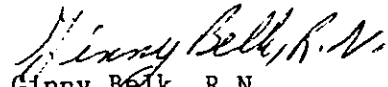
An audit of the plant respiratory protection program was conducted. A report on the deficiencies found, along with the associated, corrective measures, will be issued during October.

Area Ventilation Checks

The third quarter check of lab and compound ventilation hood velocities and flow rates was completed. The results were reported to the two departments for correction of the deficiencies found.

Material Safety Data Sheets

Material Safety Data Sheets for compound were copied and issued to the Compound Operations Supervisor. Three copies of each Material Safety Data Sheet for the Vinyl Department were issued to the Vinyl Operations Supervisor.


Ginny Beik, R.N.
Plant Nurse

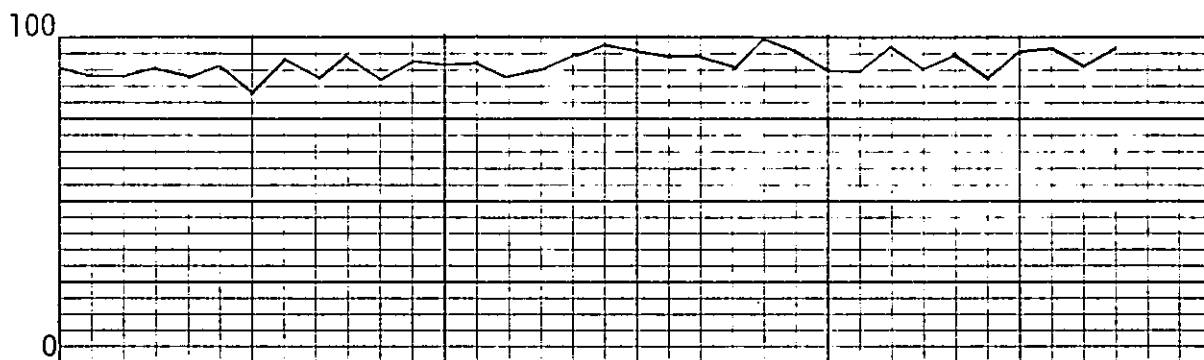
rah

cc: JF, JWW, DWH, PJK, LPS, WFH, CRS, RAF, AHS, JVU
Tom Grumbles - Houston
J. R. Drumwright, M.D., - Houston

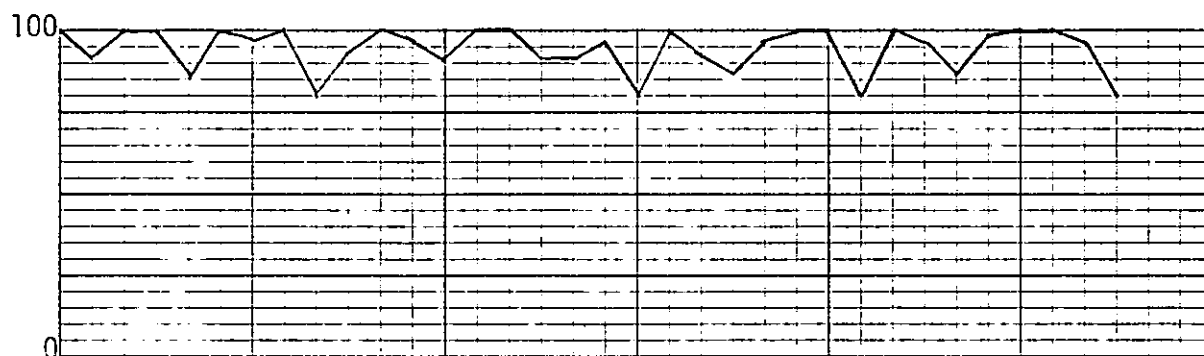
ABERDEEN CHEMICAL PLANT
CHEMICAL DOSIMETRY TRENDS

% $\angle$
PEL

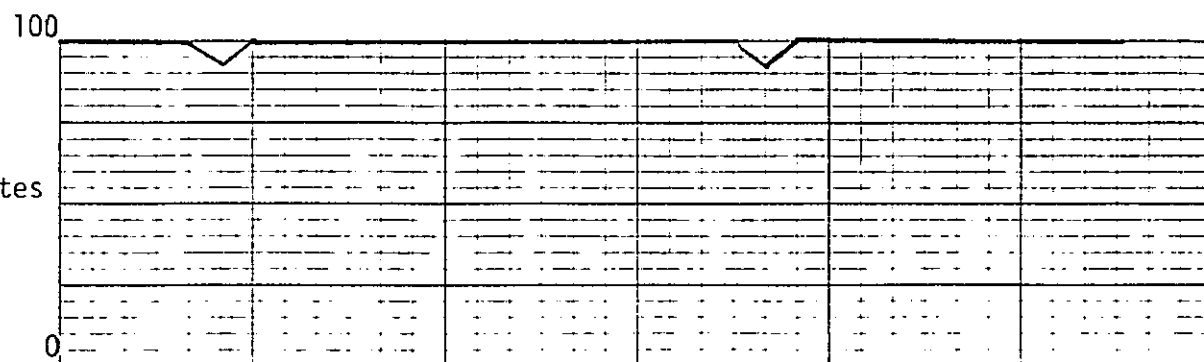
VCM



Lead



Total
Particulates



Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
19 <u>82</u>												19 <u>83</u>												19 <u>84</u>											