

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>		<u>></u>	
	<u>No.</u>	<u>PEL %</u>	<u>No.</u>	<u>PEL Overexposures %</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 ³ Lead/m	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 ³ Lead/m	Employee overexposed while charging Epistatic 112 into blends of 34431 Natural on Line I.

* Respiratory protection was worn.

** Respiratory protection was not worn.