

59

A

ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

Month of: May

Date of Report: June 19, 1984

1. Routine Chemical Dosimetry

All Sample Results:

<u>Chemical</u>	<u>< PEL</u>		<u>> PEL Overexposures</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
VCM	81	88	11	12
Lead	39	97.5	1	2.5
Total Particulates	4	100	0	0

Overexposures

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Chief Operator	16.0** ppm, VCM	Employee overexposed while disconnecting and unplugging a lip seal line on D-300 reactor seal.
Reactor Operator	1.8* ppm, VCM	Employee overexposed while changing VCM filter pack filters.
Reactor Operator	6.0** ppm, VCM	Employee performed his regular job of reactor operator. No specific cause of his over-exposure has been identified.
Reactor Operator	3.7** ppm, VCM	The employee did not perform his regular job of reactor operator. Instead, he was assigned to the tasks of painting handrails at the east incinerator and assisting electronics with small breaker labeling in the V-11 dryer area. No specific cause for his over-exposure has been identified.

Overexposures - Continued

May

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Dryer Utility	10.7* ppm, VCM	Employee overexposed while monitoring blend tank levels in V-10 during pond resin reclaim.
Yard Operator	2.5* ppm, VCM	Employee overexposed while assisting two general mechanics who replaced two Corken compressors at the VCM tank farm.
General Mechanic	2.5* ppm, VCM	Employee overexposed while repairing a Corken compressor at the VCM tank farm.
General Mechanic	2.2* ppm, VCM	Employee overexposed while blanking out 904 VCM recovery compressor.
General Mechanic	1.3** ppm, VCM	Employee overexposed while changing a seal on D-300.
Maintenance Supervisor	1.5** ppm, VCM	The employee spent approximately five minutes working near the new vinyl unit dump Sweco and approximately two minutes near the old vinyl PVC tank. The specific cause of his over-exposure has not been identified.
Maintenance Superintendent	1.4** ppm, VCM	Employee performed his regular job of maintenance superintendent, which took him to all parts of the plant throughout the work period. No specific cause for his overexposure has been identified.
Color Weigh Compounder	118.9* microgram Lead/m ³	Employee performed his regular job of color weighup, handling Halbase 100EP and Cyastab 988. No specific cause of his over-exposure has been identified.

* Respiratory protection was worn.

** Respiratory protection was not worn.