

ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

Month: June
Date of Report: July 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	93	96	4	4
Lead	10	100	0	0
Total Particulates	5	100	0	0

Overexposures

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Chief Operator	3.7*ppm, VCM	Employee overexposed while blocking in a VCM transfer pump which had a blown seal.
Lead Operator	4.8*ppm, VCM	Employee overexposed while pumping "pond" resin.
Rx Operator	3.9*ppm, VCM	Employee overexposed while changing VCM filter pak filters.
Mechanic	82.2*ppm, VCM	Employee overexposed while removing the main VCM valve going to the recovery system in the new unit.

* Respiratory protection was worn.

** Respiratory protection was not worn.

Respiratory Protection

3M airhat battery charging was made more reliable when compound operations provided each airhat wall case with an internal 110V electrical outlet and battery charger.

Dosimetry Equipment

The lab evaluation of the passive monitor marketed by GMD Systems, Inc. was completed during June. Future use of the device will be reconciled following issue of the report on the evaluation July.

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Program Audits

Routine Dosimetry

The second quarter audit of dosimetry frequency versus plan was conducted. No deficiencies were found.

Respiratory Protection

An audit of the plant respiratory protection program was conducted. Recommendations for improvement, based on the audit results, were made and discussed with each department that uses respirators.

Material Safety Data Sheets

MSDS were reviewed by the Compound Department. A copy of each MSDS that pertains to the Compound, Dry Blend, and Plasticizer Department will be issued to the Compound Operations Supervisor.


Ginny Bell, R.N.
Plant Nurse

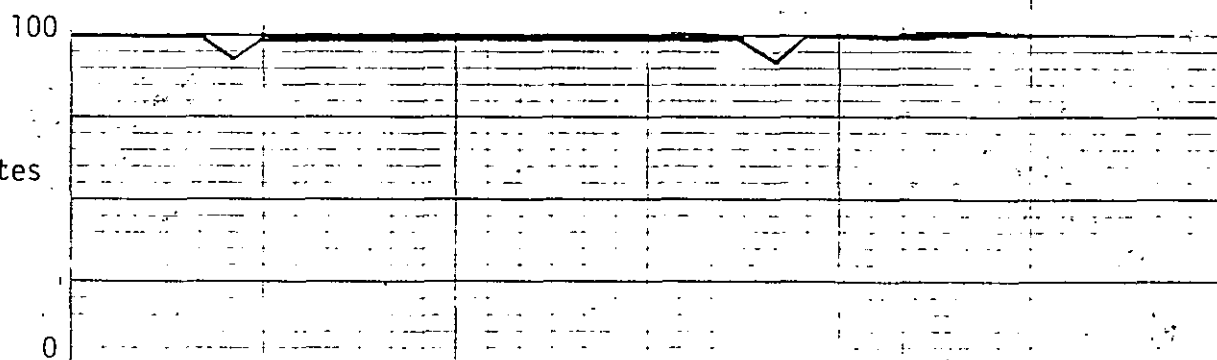
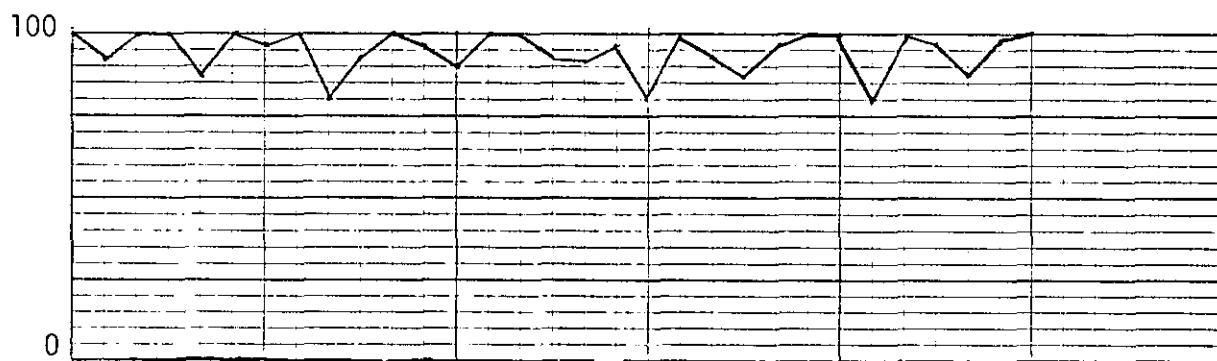
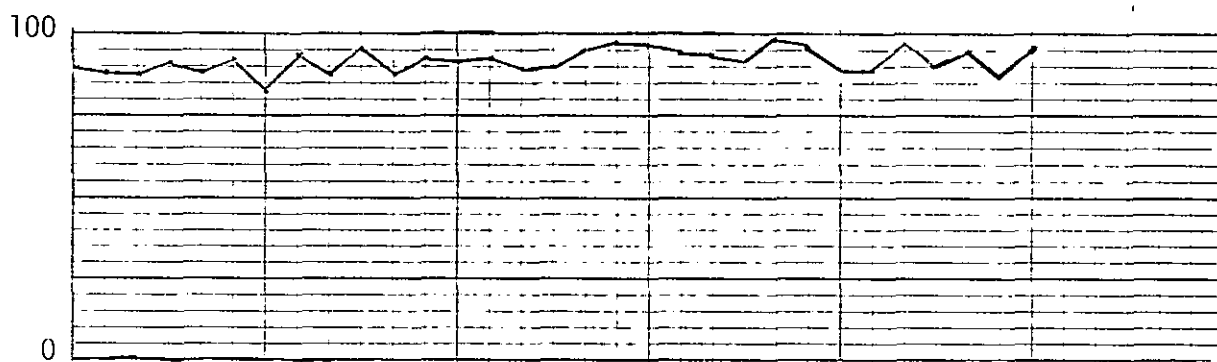
rah

cc: JF, CRM, DWH, PJK, LPS, WFH, CRS, RAF, RAM, AHS, JVV
Tom Grumbles - Houston
J. R. Drunwright, M.D. - Ponca City

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>											