

V&MK A
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ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

Month: September, 1986
Date of Report: October 27, 1986

I. 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	82	98.8	1	1.2
Lead	20	95.2	1	4.8
Total Particulates	5	100.0	0	0.0

Overexposures

<u>JOB CLASS</u>	<u>EXPOSURE</u>	<u>SOURCE</u>
General Mechanic	3.1* ppm, VCM	Employee overexposed while repairing a leak at the VCM compressor shed.
Compounder	53.6* Micrograms Lead/M ³	Employee overexposed while charging Line I blenders. The exact cause of his overexposure has not yet been determined.

* Respiratory protection was worn.

II. EMPLOYEE ANNUAL HEALTH TRAINING

Eight, annual health training classes were held. The training included OSHA required instruction related to VCM, lead, asbestos, noise, and respiratory protection.

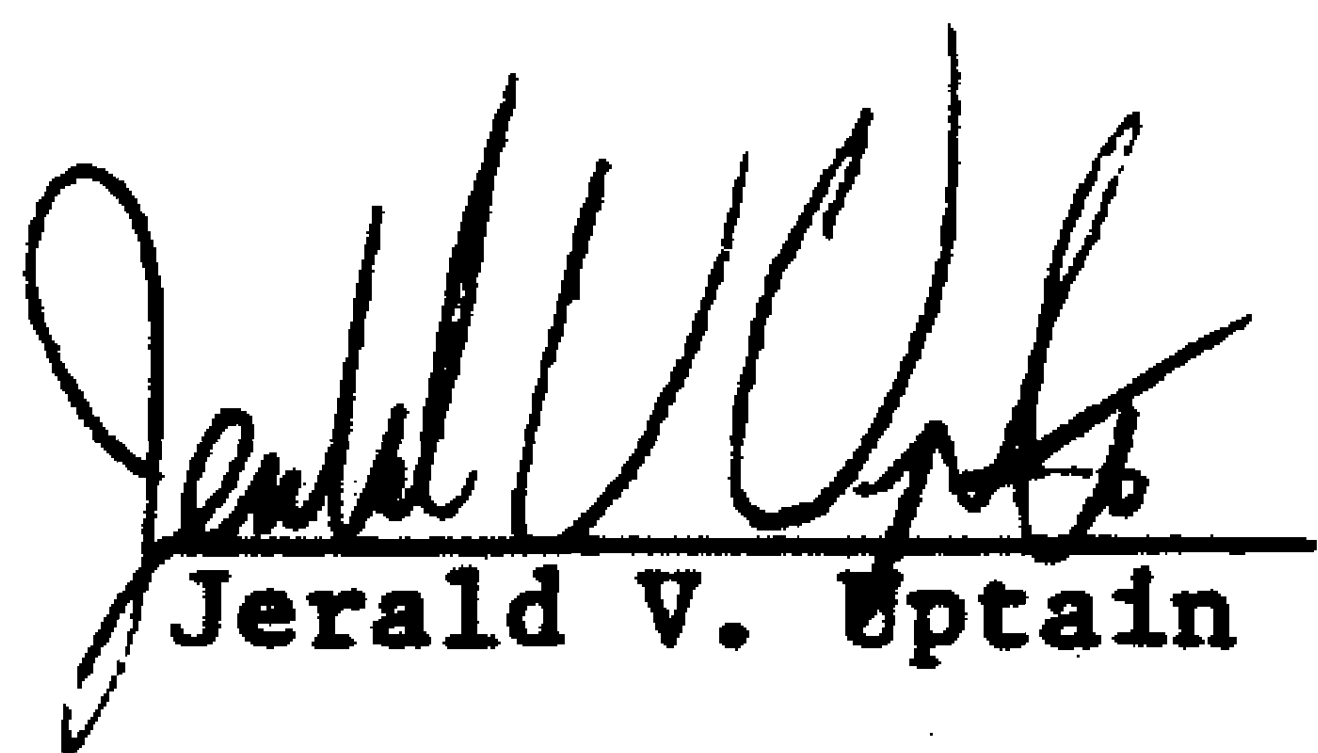
III. MAINTENANCE PERSONNEL LEAD EXPOSURE

The Maintenance worker lead dosimetry program continued through the month. The measurements, using the same protocols as with routine, Compound/Dry Blend personnel lead dosimetry, are made as maintenance work within potential lead exposure areas is performed. The results for the month are as follows:

<u>Job Class</u>	<u>TWA Result (Micrograms Lead/M³)</u>	<u>PEL (Micrograms Lead/M³)</u>
General Mechanic	4.1	50.0
General Mechanic	6.0	50.0
General Mechanic	< 5.4	50.0

III. MAINTENANCE PERSONNEL LEAD EXPOSURE - continued

<u>Job Class</u>	<u>TWA Result (Micrograms Lead/M³)</u>	<u>PEL (Micrograms Lead/M³)</u>
General Mechanic	13.8	50.0
General Mechanic	< 4.2	44.4
General Mechanic	< 4.5	47.1


Jerald V. Uptain

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c: JF, JWW, DWH, PJK, WFH, TFL, VEM, RAF, AHS, CWT
Tom Grumbles, J. R. Drumwright, M.D. - Houston

ABERDEEN CHEMICAL PLANT
CHEMICAL DOSIMETRY TRENDS

A

% <
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.
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