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ABERDEEN CHEMICAL PLANT

ROUTINE CHEMICAL DOSIMETRY SUMMARY

MONTH OF: October, 1981

DATE OF REPORT: November 9, 1981

c: JR, CRM, PEM, RDJ, TBD, SJV, RAF, RAM, AHS
T. G. Grumbles - Houston, O. D. Steffy - Ponca City

ALL SAMPLE RESULTS:

<u>Chemical</u>	<u>< PEL</u>		<u>≥ PEL OVEREXPOSURES</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
VCM	68	88	9	12
Lead	10	83	2	17
Antimony	12	100	0	0
Total Particulates	3	100	0	0

OVEREXPOSURES:

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Compounder	51.5* Milligrams Lead/M ³	Charging Tribase EXL (Special) to Line 3 Blenders
Color Weigh Compounder	55.5* Milligrams Lead/M ³	Employee weighed Dibasic Lead Phosphite
General Mechanic	1.9 ppm VCM	Specific cause unknown —
Yard Supervisor	2.1 ppm VCM	Worked in VCM tankfarm area for 3 hours during VCM compressor repair work ✓
Reactor Operator	3.4 ppm VCM	Specific cause not determined —
Maintenance Helper	3.9 ppm VCM	Employee helped repair D-500 gearbox ✓
Reactor Operator	4.6 ppm VCM	Specific cause not determined —
Chief Operator	4.7* ppm VCM —	Specific cause not identified —
General Mechanic	4.8 ppm VCM	Employee helped repair minor leaks during leak survey ✓
Chief Operator	5.9* ppm VCM —	Employee worked on Emission Recovery system and large reactor recovery system
Reactor Operator	20.7* ppm VCM ✓	Changed filters in VCM filter packs

* Respiratory protection worn


Gerald V. Uptain

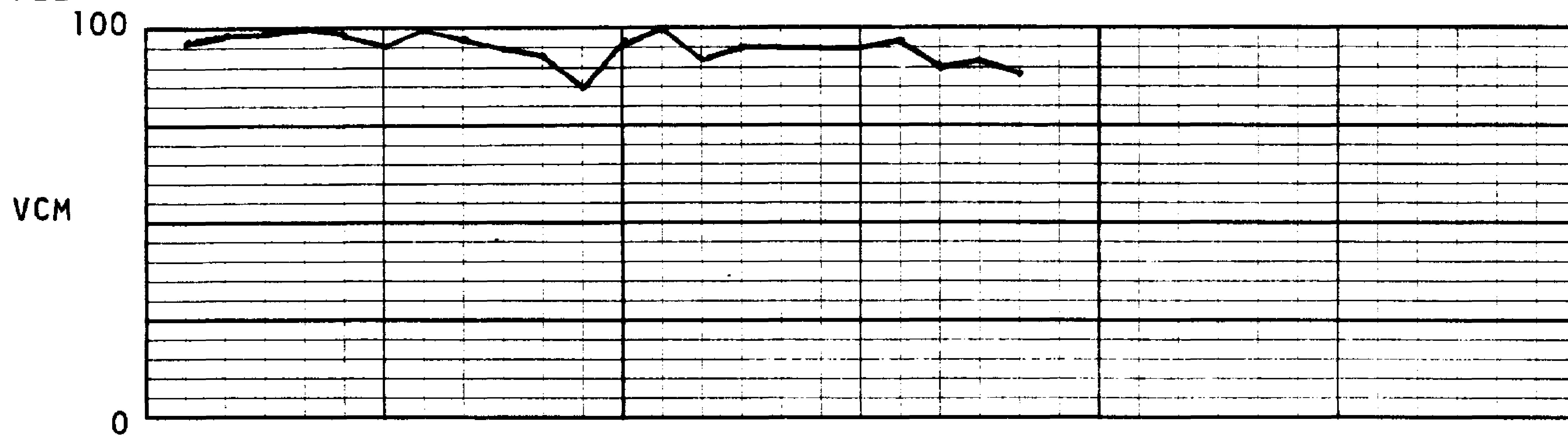
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ABERDEEN CHEMICAL PLANT

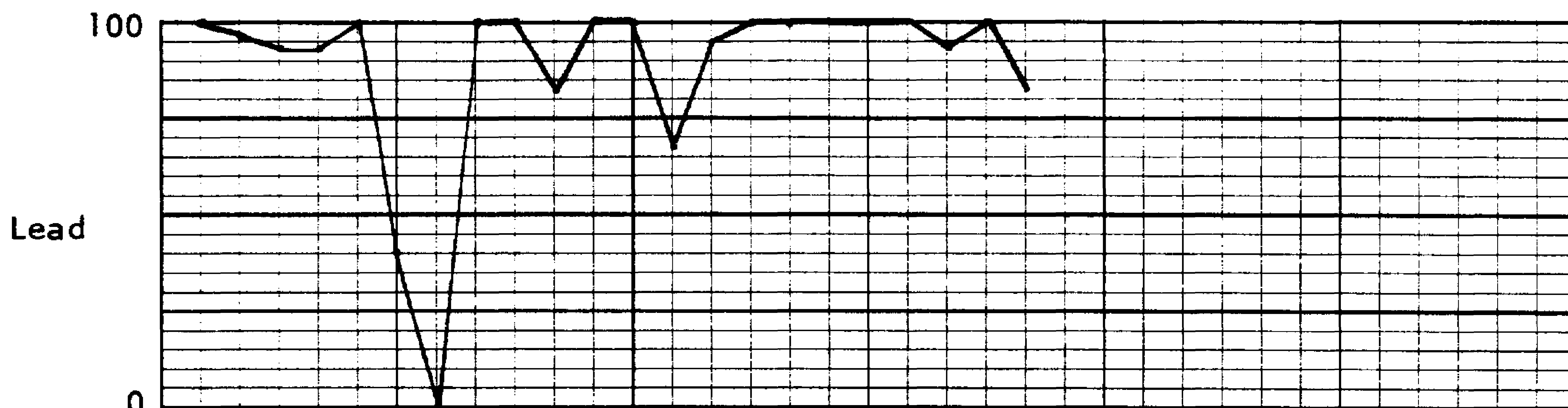
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CHEMICAL DOSIMETRY TRENDS

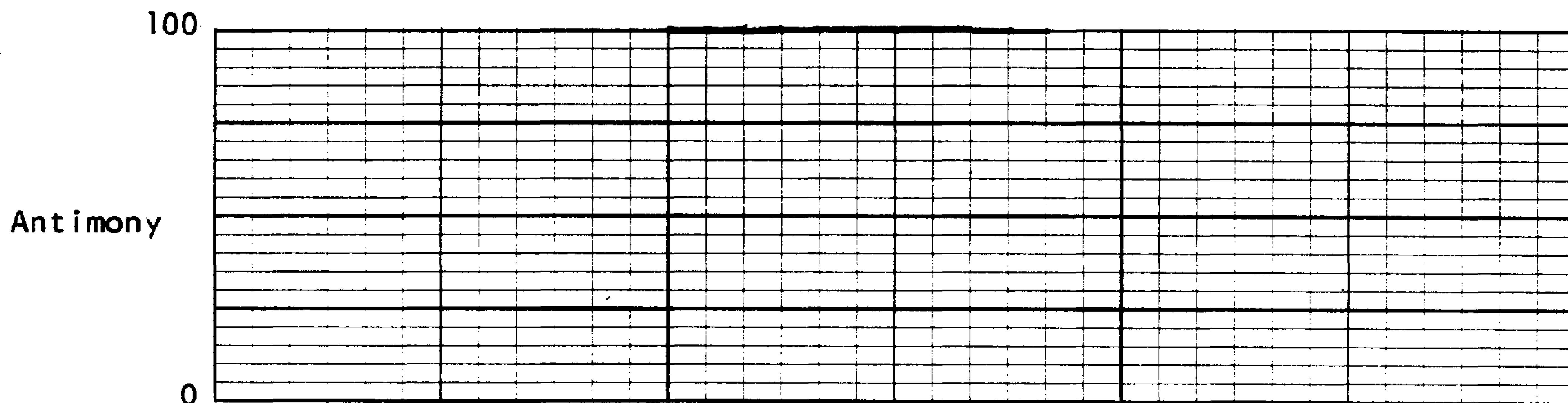
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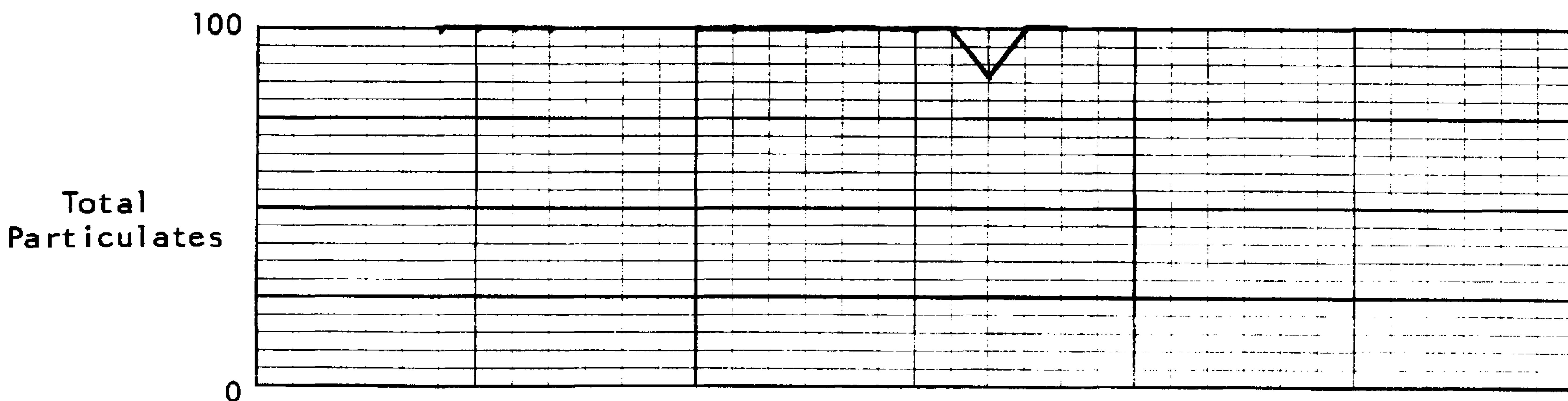
VCM



Lead



Antimony



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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