

To: B. Coopersmith
 Location: Wayne
 From: H. Gaffney
 Location: Chicago Plant
 Extension:
 Subject: MONTHLY REPORT
 Reference:

Date: March 30, 2984
 Copy to: R. F. Anderson - NA
 J. F. Daly - MG
 J. S. Druzbacky - BW
 R. L. Johnson - MG
 F. F. Loffelman - NA
 S. M. Lustig - NA
 C. G. Neumann - NA

HIGHLIGHTS

Lead price increases to 26¢.

I. SAFETY & HEALTH

- A. The plant has operated 4489 days (thru 3/29) without a disabling injury.
- B. There were no recordable injuries during this period.
Y.T.D. J.E.A. is 0.0
- C. The latest blood lead level for 24 employees (all but office personnel) are:

	<u>MARCH</u>	<u>LAST</u>	<u>6 MOS. AVERAGE</u>
50 ug Pb/100 grams blood or above	2	3	2
40 - 49	14	13	13
below 40	8	7	9
% below 50	92	87	92
Average	40	40	39

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II. PRODUCTION & SHIPMENTS

	<u>Actual March</u>	<u>Est. April</u>	<u>Est. May</u>
% of budgeted rate			
Stabilizers	100	99	116
Litharge	40	149	124
Plant total	81	115	119
Shipment k pounds			
Stabilizers	625	505	590
Litharge	24	20	20

III. INVENTORY

	<u>End of Feb.</u>		<u>End of March</u>		<u>End of April</u>		<u>End of May</u>	
	<u>k\$</u>	<u>DOS</u>	<u>k\$</u>	<u>DOS</u>	<u>k\$</u>	<u>DOS</u>	<u>k\$</u>	<u>DOS</u>
Finished Goods	276	29	258	34	265	29	250	30
Support Goods	232	25	153	20	250	27	175	21
Plant Totals	508	54	411	54	515	56	425	51

IV. TECHNICAL

A. PPG

In an effort to determine the effect of various process parameters on oil absorption, all log sheet and test data on Lead Carbonate batches produced since August 1983 have been gathered and entered into the computer. We are still analyzing these data, but have found no significant correlations so far.

PPG has offered to assist us in developing a viscosity measurement method for controlling the end point of the carbonation. We will be sending samples of slurry to their Springdale, Pa research center.

Shipments to PPG this year have been:

Jan. - 77,500#
Feb. - 20,000#
March - 52,000#

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IV. TECHNICAL (continued)

B. TENNECO

Volume resistivity testing was repeated on Cyastab 523- O versus Tribase XL - oiled, using the testing procedures specified by Tenneco (75 mil plaques, 50°C). We still find the complaint lots of 523- O to be equivalent to Tribase XL- oiled. The difference seen by Tenneco must be peculiar to their formulation.

Tenneco is now supplying formulation data for their compound so we can duplicate their test procedure.

C. EXTRUDATES

A 100 lb. sample of Cyastab XW (Sulfo - Phthalate Extrudate) was made for Cerock. We have also shipped them 5000 lbs. each of Cyastab SW, TW, and CW. All of the above were 4 mm strands.

Recently we witnessed a trial of another piece of equipment for producing 1 mm extrudate at Bepex, Santa Rosa, Ca.

This is the equipment recommended to Howard Luke by Rohm CMBH.

The trial was quite encouraging, although considerable further work will be required to come up with a completely satisfactory system.

D. NLS

Raw materials have been ordered and operating instructions written for a trial run of Normal Lead Stearate in the plant Cowles reactor.

However, we have been advised as of yesterday to hold on any further work in this area.

E. AUTOMATIC SAMPLING OF FINISHED GOODS

Technical details of an automatic sampling system for stabilizers are being worked out prior to submission of a job order.

F. ETHYL

There is some indication that the Izod impact tests run by Ethyl on samples submitted by Cyanamid were in error and they may restudy our material. Previously they had accepted our waxed Sulfate extrudate but then rejected the ground extrudate submitted for retrieval.

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V. GENERAL

- A. The Metropolitan Sanitary District of Greater Chicago (MSDG) continued to sample plants effluent.

We were sampled on these dates: 2/2, 2/23, 2/29, 3/9, 3/12, 3/15/

Note that the plants effluent consisting of non- contacting cooling water is only 25 gpm.

B. PERSONNEL

Salary 12 (included 5 non - exempt working supervisors)
Hourly 15

- C. The writer made 3 business trips this month

Florida - PPD meeting
California - Bepex Extrusion trial
Mississippi - North American Plastics to review particle size complaint.

- D. The lead price rose from 24¢ to 26¢ during the month due primarily to the rise in LME prices.

Asarco is in the middle of a 2 month shut down of their Glover smelter.

There was a wildcat strike at an Australian Lead/ Zinc complex.

Doubt that St. Joe will sign their labor contract on 3/31.


H. C. Gaffney

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