

VINYL - D. W. Hollis/M. L. Nathan

Safety

The Vinyl and Yard Departments operated with one first aid type injury in February. The injury involved a minor cut to a General Helper's finger.

Shift safety meeting topics for the month included review of the revised Power Outage Operating Manual and discussion of responses to emergency situations.

<u>Production</u>	<u>February</u>	<u>Y.T.D. (Fiscal 1985)</u>
1. Production, MM Lbs.	31.5	172.8
2. Daily Production Rate, M Lbs./C.D.	1123.6	1144.3
3. Total Charges	770.0	4170.0
4. Charges, Reactor Batches/C.D.	27.5	27.6
5. Reactor Stream Factor	86.7	90.3
6. Dryer Rate, Average Lbs./Hr.	10521.9	10604.3
7. Dryer Stream Factor	55.6	57.3
8. Accounting Days	28.0	151.0

Reactors

The reactor stream factor penalty was 86.7%. Downtime in the reactor area occurred as follows:

- 1) Operational Downtime: Accounted for 39.7% of the total downtime and was due to reactor scheduling conflicts, winter operation periods, and processing VCM contaminated with caustic.
- 2) Maintenance Service Downtime: Accounted for 2.3% of the total downtime and was due to rupture disc changeout on 743 and cleaning reactor AMS injection ports.
- 3) Maintenance Repair/Revision Downtime: Accounted for 58.0% of the total downtime and was due to four reactor valve changeouts, condenser cleaning on 742, agitator seal replacements on 300, 741, 743, 744 and 745 reactors, reactor dump screener repair, and revisions to new module VCM charge system to aid in processing contaminated VCM.

Dryers

The dryer stream factor penalty was 55.6%. Downtime in the dryer area occurred as follows:

- 1) Reactor Limited Production: Accounted for 86.6% of the total downtime. Dryers were shut down when possible for energy conservation purposes.

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- 2) Operational Downtime: Accounted for 9.2% of the total downtime and was due to centrifuge plugging, burner flameouts, dryer cleaning, and transfer activator problems.
- 3) Maintenance Repair/Revision Downtime: Accounted for 4.2% of the total downtime and was due mainly to activator repairs, exhaust bearing replacement, and centrifuge repairs.

Product Quality Summary

<u>Resin Type</u>	<u>Prime</u>	<u>"BC"</u>	<u>"H"</u>	<u>% of Total Production</u>
5265	1,605,432	-	-	5.1
5305	2,606,576	90,000	-	8.6
5385	18,537,760	56,250	-	59.1
5425	6,332,571	-	-	20.1
5465	2,055,560	-	-	6.5
Sifter Overflow	-	-	209,470	0.7
Pond Resin	-	-	(33,200)	(0.1)
Total	31,137,899	146,250	176,270	100.0

Quality performance for February was 99.0% customer grade with 0.5% "BC" production and 0.5% "H" grade.

A total of two railcars were shipped as "B" grade during the month which represented 1.8% of the 109 total resin hopper cars shipped.

<u>Ship Date</u>	<u>Car No.</u>	<u>Customer</u>	<u>Product</u>	<u>Reason</u>
2/22/85	PTLX 41591	Grifco	Resifted Sifter Overflow	Quality
2/28/85	VIPX 45918	Silverline	5425	Contamination

The Vinyl area received thirty-six short lead time emergency type orders comprising 16.1% of the 224 Aberdeen resin shipments in February.

Monthly Variable Cost Performance

Variable costs for the month were favorable \$210.5M with \$157.2M due to price and \$53.3M due to efficiency. Resin variable cost for the month was 20.214 ¢/lb. vs. the budgeted 20.887 ¢/lb.

The \$210.5M favorable price variance was primarily attributed to lower than budgeted pricing for VCM, \$90.4M; lower than budgeted pricing for VCM freight, \$30.5M; lower than budgeted pricing for Lupersol 223 initiator, \$31.2M; and lower than budgeted pricing in the utilities area, \$13.4M.

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Monthly Variable Cost Performance - continued

The \$53.3M favorable efficiency variance can be attributed to lower than budgeted VCM efficiency, \$39.5M; and lower than budgeted off-grade production, \$10.1M.

VCM efficiency for the month was 0.99788 lbs. VCM/lb. PVC versus the budgeted 1.00500 lbs. VCM/lb. PVC. Year-to-date VCM efficiency is 1.00343,

Year-to-date variable cost efficiency variances in the Vinyl Department totaled \$305.4M favorable.

Energy Performance/Progress

1. Plant energy consumption for the month totaled 2603 BTU/lb.
2. A total of six steam leaks and seven steam traps were repaired during the month.

General

1. Packaging for the month totaled 683,950 pounds.
2. Resin raw material in the 744 account totaled \$165.0M at month end.