

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

Safety

The Vinyl and Yard Departments operated without an injury in April.

Shift safety meeting topics for the month included "High and Low Pressure Gas Systems". Discussions included potential hazards of each type of system and safety procedures.

<u>Production</u>	<u>April</u>	<u>Y.T.D. (Fiscal 1985)</u>
1. Production, MM Lbs.	36.8	245.6
2. Daily Production Rate, M Lbs./C.D.	1228.0	1158.9
3. Total Charges	890.0	5967.0
4. Charges, Reactor Batches/C.D.	29.7	28.2
5. Reactor Stream Factor	93.7	91.2
6. Dryer Rate, Average Lbs./Hr.	10,090.5	10,283.3
7. Dryer Stream Factor	63.4	59.7
8. Accounting Days	30	212

Vinyl Department production for April was 36.8MM pounds.

Reactors

The reactor stream factor for April was 93.7%. Downtime in the reactor area occurred as follows:

- 1) Operational Downtime: Accounted for 55.4% of the total downtime and was due to reactor scheduling conflicts, no place to dump reactor slurry, and downtime due to severe weather conditions.
- 2) Maintenance Service Downtime: Accounted for 3.3% of the total downtime and was due to cleaning reactor AMS injection ports and slow vent lines.
- 3) Maintenance Repair/Revision Downtime: Accounted for 41.3% of the total downtime and was due to four reactor valve changeouts, agitator seal replacements on 500, 742 and 744 reactors, and cooling water jacket repairs on 700, 742 and 743.

Dryers

The dryer stream factor for April was 63.4%. Downtime in the dryer area occurred as follows:

- 1) Reactor Limited Production: Accounted for 85.6% of the total downtime. Dryers were shut down when possible for energy conservation purposes.
- 2) Operational Downtime: Accounted for 11.7% of the total downtime and was due to centrifuge plugging, burner flameouts, dryer cleaning, transfer activator problems, and downtime due to power outages.

VINYL - ContinuedDryers - continued

- 3) Maintenance Repair/Revision Downtime: Accounted for 2.7% of the total downtime and was due to activator, centrifuge and screener repairs. A new centrifuge chute was installed on number 4 dryer during the month.

Product Quality Summary

<u>Resin Type</u>	<u>Prime</u>	<u>"BC"</u>	<u>"H"</u>	<u>% of Total Production</u>
5265	6,428,915	-	-	17.5
5305	2,906,237	-	-	7.9
5385	18,440,889	-	-	50.1
5425	6,493,127	-	-	17.6
5465	2,468,805	-	-	6.7
Sifter Overflow	-	-	122,832	0.3
Pond Resin	-	-	(20,240)	(0.1)
Total	36,737,973	-	102,592	100.0

Quality performance for April was 99.7% customer grade with 0.3% "H" grade production.

A total of ten railcars were shipped as "B" grade during the month which represented 8.3% of the 120 total resin hopper cars shipped.

<u>Load Date</u>	<u>Ship Date</u>	<u>Car No.</u>	<u>Customer</u>	<u>Product</u>	<u>Reason</u>
2/29/85	4/08/85	PLCX 43310	Shawnee	5385	Derail Mat'l
1/23/85	4/15/85	PTLX 42303	Wexford	5425	Derail Mat'l
3/06/85	4/15/85	PLCX 42973	Osterman	Pond Resin	Quality
3/18/85	4/15/85	PTLX 41604	Extrusion Tech.	Debox	Quality
2/24/85	4/16/85	VIPX 45293	Vulcan	Debox	Quality
3/15/85	4/18/85	ERLX 6217	Wexford	Pond Resin	Quality
3/28/85	4/24/85	PLCX 43731	Osterman	Pond Resin	Quality
4/18/85	4/30/85	PTLX 41646	Silverline	Debox	Quality
3/29/85	4/30/85	PTLX 42253	Silverline	Debox	Quality
4/06/85	4/30/85	VIPX 45872	Grifco	Debox	Quality

The vinyl area received twelve short lead time emergency type orders comprising 5.9% of the 202 Aberdeen resin shipments in April.

Monthly Variable Cost Performance

Variable costs for the month were favorable \$1251.6M with \$1066.5M due to price and \$185.1M due to efficiency. Resin variable cost for the month was 20.687 ¢/lb. vs. the budgeted 24.103 ¢/lb.

VINYL - ContinuedMonthly Variable Cost Performance - continued

The \$1066.5M favorable price variance was primarily attributed to lower than budgeted pricing for VCM, \$987.4M; VCM freight, \$27.4M; process additives, \$38.0M; and utilities, \$13.7M.

The \$185.1M favorable efficiency variance can be attributed to lower than budgeted VCM efficiency, \$71.2M; process additives, \$43.5M; utilities area, \$44.3M; and off-grade production, \$29.7M.

VCM efficiency for the month was 0.99561 lbs. VCM/lb. PVC versus the budgeted 1.00500 lbs. VCM/lb. PVC. Year-to-date efficiency is 0.9992.

Year-to-date variable cost efficiency variances in the Vinyl Department totaled \$602.4M favorable.

Energy Performance/Progress

1. Plant energy consumption for the month totaled a record low of 2339 BTU/lb. The previous low was 2411 BTU/lb. in July, 1983.
2. A total of four steam leaks and two steam traps were repaired during the month.

General

1. Packaging for the month totaled 821,982 pounds.
2. Resin raw material in the 744 account totaled \$177.7M at month end.