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

Safety

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

Shift safety meeting topics for the month included "Chemicals Handling". Discussion included personnel protection required when handling chemicals, treatment if contacted by a chemical, and need for knowing about chemicals used in the Vinyl area.

Production	May	Y.T.D. (Fiscal 1985)
1. Production, MM Lbs.	34.8	280.4
2. Daily Production Rate, M Lbs./C.D.	1121.2	1154.1
3. Total Charges	853.0	6820.0
4. Charges, Reactor Batches/C.D.	27.5	28.1
5. Reactor Stream Factor	85.9	90.5
6. Dryer Rate, Average Lbs./Hr.	7765.4	9962.1
7. Dryer Stream Factor	75.2	61.7
8. Accounting Days	31	243

Vinyl Department production for May was 34.8MM pounds.

Reactors

The reactor stream factor for May was 85.9%. Downtime in the reactor area occurred as follows:

1) Operational Downtime: Accounted for 53.6% of the total downtime and was due to reactor scheduling conflicts, no place to dump reactor slurry, and downtime due to severe weather conditions. Downtime occurred in the old module as a result of shutdowns of the fluid bed dryer to inspect and remove the heating panels.

2) Maintenance Service Downtime: Accounted for 4.1% of the total downtime and was due to cleaning reactor AMS injection ports and slow vent lines.

3) Maintenance Repair/Revision Downtime: Accounted for 42.3% of the total downtime and was due to nine reactor valve changeouts, agitator seal replacements on 500, 742 and 744 reactors, and repair of the new module dump screener.

Dryers

The dryer stream factor for May was 75.2%. Downtime in the dryer area occurred as follows:

1) Reactor Limited Production: Accounted for 79.3% of the total downtime. Dryers were shut down when possible for energy conservation purposes.

2) Operational Downtime: Accounted for 14.1% of the total downtime and was due to centrifuge plugging, burner flameouts, dryer cleaning, and transfer activator problems.

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Dryers - continued

3) Maintenance Repair/Revision Downtime: Accounted for 6.6% of the total downtime and was due to activator, centrifuge and screener repairs. The fluid bed dryer hot water panels were removed during the month.

Product Quality Summary

Resin Type	Prime	"BC"	"H"	% of Total Production
5265	3,763,903	-	-	10.9
5305	3,502,760	42,750	-	10.3
5385	17,929,445	-	-	52.0
5425	6,600,548	-	-	19.2
5465	1,669,230	-	-	4.8
Debox	-	903,620	-	2.6
Sifter Overflow	-	-	45,644	0.2
Pond Resin	-	-	-	-
Total	33,465,886	946,370	45,644	100.0

Quality performance for May was 99.8% customer grade with 0.2% "H" grade production.

A total of five railcars were shipped as "B" grade during the month which represented 4.2% of the 120 total resin hopper cars shipped.

Load Date	Ship Date	Car No.	Customer	Product	Reason
4/27/85	5/23/85	VIPX 45718	Wexford	Resifted Sifter Overflow	Quality
4/09/85	5/24/85	VIPX 45276	Wexford	5425	Viscosity(1)
5/13/85	5/28/85	PLCX 42866	Extrusion Tech.	Resifted Sifter Overflow	Quality
4/29/85	5/29/85	PTLX 41606	Silverline	5385	Cont.(2)
4/28/85	5/29/85	PLCX 42993	Silverline	5385	Cont.(2)

(1) Viscosity for this material was out of specification range due to a raw material problem.

(2) This material was contaminated as a result of leaking hot water panels in the fluid bed dryer.

The vinyl area received twenty-one short lead time emergency type orders comprising 9.6% of the 218 Aberdeen resin shipments in May.

Monthly Variable Cost Performance

Variable costs for the month were favorable $1323.3M with $1148.0M due to price and $175.3M due to efficiency. Resin variable cost for the month was 20.258 ¢/lb. vs. the budgeted 24.103 ¢/lb.

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VINYL - Continued

Monthly Variable Cost Performance - continued

The $1148.0M favorable price variance was primarily attributed to lower than budgeted pricing for VCM, $1095.7M; VCM freight, $28.8M; Lupersol 223M initiator, $15.4M; and utilities, $12.1M.

The $175.3M favorable efficiency variance can be attributed to higher than budgeted VCM efficiency, $82.5M; process additives, $29.1M; utilities area, $61.2M; and off-grade production, $38.2M.

VCM efficiency for the month was 0.99339 lbs. VCM/lb. PVC versus the budgeted 1.0050 lbs. VCM/lb. PVC. Year-to-date efficiency is 0.99850.

Year-to-date variable cost efficiency variances in the Vinyl Department totaled $777.7M favorable.

Energy Performance/Progress

1. Plant energy consumption for the month totaled a record low of 2338 BTU/lb. The previous record was set last month at 2339 BTU/lb.

2. A total of five steam leaks and one steam trap were repaired during the month.

General

1. Packaging for the month totaled 364,844 pounds.

2. Resin raw material in the 744 account totaled $232.7M at month end.