

VINYL - J. D. Olson, W. S. Carroll**Safety**

The Vinyl Department had no injuries in December.

The monthly safety meetings were held on shift.

General

1. December production was 48.2MM pounds of which 46.6MM pounds was prime grade resin. Percent asset utilization was 98.2%. A new MADR will be issued in January based on the December production numbers.

	<u>Dec.</u>	<u>YTD</u>
- Production, MM Lbs.	48.2	247.0
- Reactor Stream Factor, %	92.9	87.6
- Resin Quality, % Prime	96.7	96.6
- VCM Efficiency, Lbs./Lb.	1.0128	1.0383
- Daily Rate, M Lbs./C.D.	1554.9	1350.5
- Capacity Utilization Factor, %	114.2	99.2
- Total Reactor Charges	1082	5666
- Charges/C.D.	34.9	30.8
- Rotary Dryer Stream Factor (#4-#8), %	93.9	92.7
- Fluid Bed Dryer Stream Factor, %	98.0	86.9

2. A new record production of 48.2MM was set in December. This eclipses the previous record of 43.7MM set in September, 1993. A new daily charge record of 38 batches was set on December 23 and December 24.
3. We were informed by Klockner that 5325 has been suspended from further testing until early summer of 1994. A team has been formed to develop an improved 5325 resin for Klockner.

Reactor Downtime**Hours**

- | | |
|--|-------|
| - Operational downtime (Recovery scheduling conflicts -158 hours, hydroblast D-600 condenser - 42 hours, and VCM shortage - 35 hours). | 312.0 |
| - Maintenance downtime (D-700 condenser tube leak repairs - 101 hours, DCS reboot - 36 hours, F-50 filter tie-in - 17 hours, and miscellaneous maintenance items). | 215.0 |

VINYL - Continued

<u>Dryer Downtime</u>	<u>Total % of Downtime</u>
- Operational downtime (cleaning, fluid bed temperature controller, centrifuge plugs and flameouts).	28.2
- Maintenance downtime (activator problems and centrifuge repair).	39.8
- Reactor limited production.	32.0

Key Maintenance Items - W. C. English

- Replaced #7 Bird centrifuge, gearbox, bearings and sheaves.
- Replaced rupture discs on reactors 400 and 500.
- Prepared reactor 600 and reactor 700 for hydroblasting. Leaking tubes in reactor 700 condenser were repaired.
- Replaced reactor 743 catalyst kill ram valve and reactor 600 polyvic ram valve.
- Replaced motors for #5 dryer tumbler, #7 dryer Bird, and 902 vacuum pump.