

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 43.5 MM pounds. This is an Aberdeen Plant resin production record surpassing the old record of 42.6 MM pounds set in November, 1990.
2. Railcar empty hoppers were in short supply near the end of December. This has resulted in significant reactor downtime in early January.

	<u>December</u>	<u>YTD</u>
- Production, MM Lbs.	43.5	118.1
- Daily Rate, M Lbs./C.D.	1403.2	1283.7
- Capacity Utilization Factor, %	104.3	95.4
- Total Reactor Charges	1001.0	2753.0
- Charges/C.D.	32.3	29.9
- Reactor Stream Factor, %	94.3	92.5
- Rotary Dryer Stream Factor (#4-#8), %	96.6	92.0
- Fluid Bed Dryer Stream Factor, %	95.7	94.3
- Resin Quality, % Prime	96.6	97.2

Reactor Downtime**Hours**

■ Operational downtime (recovery scheduling conflicts, charge/rinse water conflicts, D-600 rupture disc/PSV change, Q.C. data delays, dump conflicts, and no blend tank space).	291.0
■ Maintenance downtime (D-400 seal replacement, cooling water line old module, D-700 rinse line repair, D-700 seal replacement, D-744 recovery valve maintenance, D-745 sprayhead, and D-743 gearbox PM).	134.0

VINYL - Continued

<u>Dryer Time</u>	<u>Total % of Downtime</u>
■ Operational downtime (centrifuge plugs, dryer cleaning, flameouts).	68.8
■ Maintenance downtime (activator problems, centrifuge repair, asbestos removal).	31.2
■ Reactor limited production.	0.0

Key Maintenance Items - J. B. Autrey/S. A. Truitt

- The relief valves and rupture discs on reactor 600 were changed out for low mole resin production.
- Reactors 400 and 700 seals failed and were rebuilt for spares. Reactor 400 seal failed due to line pluggage, and reactor 700 seal failed due to overpressurization.
- The #1 Bird centrifuge was reinstalled. The Bird had been sent out for refurbishing after several months in service.
- The north fluid bed Bird gearbox was changed out due to a seal leak.
- Two major valves were changed out of the Vinyl unit.
- Two power supplies were replaced in the Vinyl control room after they were found to be faulty.
- The Gaitronics units in the Old and New Units were repaired to enhance communications.
- The test run on the propane system was conducted in preparation for winter alert.
- The valves on #8 and #9 air compressors were repaired.
- The west bio-disc bearing on the north end was replaced due to wear.